



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00663	17 OH CORTICOSTEROIDES (17 OH corticosteroids)	<p>Sampling of 24 Hour Urine: Start the collection preferably in the morning. Use a 1 gallon container provided by the laboratory (in case of purchase must be thoroughly clean , dry and free of any soap residue or other). The first urine should be discarded (NOT collected in the container) as the bladder should be empty before starting , and you should record on a gallon container the time when you removed the first urine. From that moment, all urine deposited in container morning, noon and night , without forgetting any urine until 24 hours are complete. The urine collection is finished at the same time the following that day as it began. Important: During the collection process the gallon container must be kept refrigerated, label it with name, close it well and bring to the laboratory as soon as possible. Proceed to the laboratory to collect the 24 urine sample container (preferably the gallon container has been acidified with 10 grams of boric acid).</p>	REF–Tests to be sent to laboratories of reference	USA, 7-10 working days	This test includes: 17-hydroxycorticosteroids and 17-ketosteroids. Quest Code: 15203X
LBE00204	17-HYDROXYPROGESTERONA (17 hydroxyprogesterone)	None	REF–Tests to be sent to laboratories of reference	USA, 7-10 working days	Quest Code: 17180
LBE00493	25 OH VITAMIN D	12 hour fast	RUT–Rutine test	Routine examination test that is performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am) it is delivered in the afternoon hours, if the sample is taken on another shift the result is given in 6 hours.	
LBE00527	5-HIAA	<p>Refrain from eating these things for at least 72 hours before : banana , pineapple, tomato products, plums, eggplant, avocado, kiwi, nuts, nicotine and caffeine. Sampling of 24 Hour Urine: Start the collection preferably in the morning. Use a 1 gallon container provided by the laboratory (in case of purchase must be thoroughly clean , dry and free of any soap residue or other). The first urine should be discarded (NOT collected in the container) as the bladder should be empty before starting , and you should record on a gallon container the time when you removed the first urine. From that moment, all urine deposited in container morning, noon and night , without forgetting any urine until 24 hours are complete. The urine collection is finished at the same time the following that day as it began. Important: During the collection process the gallon container must be kept refrigerated, label it with name, close it well and bring to the laboratory as soon as possible. Proceed to the laboratory to collect the 24 urine sample container (preferably the gallon container has been acidified with 10 grams of boric acid).</p>	REF–Tests to be sent to Labs of Reference	REF, 15 days	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00506	A MNIOTIC FLUID, CHROMOSOME ANALYSIS	Amniotic fluid drawn by the Gynecologist	REF -Exams to be sent to reference labs	REF USA, RESULTS IN 12- 15 DAYS	KARYOTYPE
LBE00080	A.S.O.	None	URG2–Urgent Test with Manual Testing	1:30 hr	<200 IU/mL
LBE00107	AC ANTIMICROSOMALES (Anti Microsomal Antibody -AMA)	None	RUT–Rutine test	Its offered in 6 hrs	
LBE00106	AC CARDIOLIPINA (Anticardiolipin Antibodies- ACLA)	Preparation : Does not apply Results : In two working days	ESP–Special Tests	ESP, In 2 working days	Negative
LBE00082	AC. ANTI TOXOPLASMA (IGG)	None	RUT–Rutine test	Its offered in 6 hrs	Negative
LBE00211	AC. ANTI TOXOPLASMA (IGM)		RUT–Rutine test	6 hours	
LBE00367	ACETAMINOFEN (LEVEL OF)	NONE	REF–Tests to be sent to Labs of Reference	REF, 2 working days	Toxic: 300 ug / mL at 4 h. Ingestion> 50 ug / mL at 12 hours of ingestion
LBE00570	ACETILCOLINA RECEPTOR BINDING ANTICUERPOS (acetylcholine receptor binding antibodies)	None	REF–Tests to be sent to Labs of Reference	Ref USA, 8 working days	Myasthenia gravis is a neuromuscular disorder characterized by muscle weakness, usually due to a loss of function of the acetylcholine receptor at the neuromuscular synapse due to autoantibodies. This test helps in the differential diagnosis in cases of muscle weakness. If they are negative, they should be considered antibodies blockers and modulators. Quest Code 206
LBE00571	ACETILCOLINA RECEPTOR BLOCKING ANTICUERPOS (acetylcholine receptor blocking antibodies)	None	REF–Tests to be sent to Labs of Reference	Ref USA, 8 working days	Quest Code: 34459
LBE00572	ACETILCOLINA RECEPTOR MODULATING ANTICUERPOS (acetylcholine receptor modulating antibodies)	None	REF–Tests to be sent to Labs of Reference	Reference USA, 8 days	Myasthenia gravis (MG) is a neuromuscular disorder characterized by muscle weakness, most commonly due to autoantibody mediated loss of functional acetylcholine receptors (CCIS) at the neuromuscular junction. Modulating Antibody against AChR causes weakness or by inhibition of modulating the binding to receptors.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00679	ACIDO CITRICO, ORINA 24 HORAS (Citric Acid, 24 Hour Urine)	Sampling of 24 Hour Urine: Start the collection preferably in the morning. Use a 1 gallon container provided by the laboratory (in case of purchase must be thoroughly clean , dry and free of any soap residue or other). The first urine should be discarded (NOT collected in the container) as the bladder should be empty before starting , and you should record on a gallon container the time when you removed the first urine. From that moment, all urine deposited in container morning, noon and night , without forgetting any urine until 24 hours are complete. The urine collection is finished at the same time the following that day as it began. Important: During the collection process the gallon container must be kept refrigerated, label it with name, close it well and bring to the laboratory as soon as possible. Proceed to the laboratory to collect the 24 urine sample container (preferably the gallon container has been acidified with 10 grams of boric acid).	REF -Tests to be sent to Labs of Reference	USA, 10-12 working days	Quest Code: 11315X (without creatinine), 3095N (creatinine) and 11004X (random urine)
LBE00337	ACIDO FOLICO (Folic Acid)	Preferably with fasting	RUT–Rutine test	3:00 hours	
LBE00014	ACIDO URICO (Uric Acid)	Does not require special preparation of the patient	URG–Urgent Test	urgent 1 hour	M: (3,5-8,5) mg/dL F: (2,5-6,2) mg/dL reportable range: (0,5-17,0) mg/dL
LBE00471	ACIDO VANILMANDELICO (Vanillyl-mandelic Acid)	Proceed to Laboratory for instruction and container (if required) to collect the 24 hour Urine Sample, in if required (preferably the gallon container has been acidified with 6N HCl). Ideally, the patient has not taken any medication 3 days prior to sampling (antihypertensives are okay). Avoid alcohol, coffee, tea, tobacco, bananas, citrus fruits and strenuous exercise prior to sampling.	REF -Tests to be sent to Labs of Reference	USA, 7-10 working days	Quest Code: 934X (without creatinine), 3004N (with creatinine), y 1710 (random urine).
LBE00734	ACIDOS BILIARES, TOTALES Y FRACCIONADOS (BILE ACIDS, TOTAL AND FRACTIONATED)	Fast of 12 hours	REF–Tests to be sent to Labs of Reference	REFERENCE USA, 12 WORKING DAYS	Includes: Cholic Acid Deoxycholic Acid ChenoDeoxycholic Acid Total Bile Acids



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00160	ACLARAMIENTO ENDOGENO DE CREATININA (CREATININE CLEARANCE)	Preparation: In the lab, they will give you the instructions sheet and container to collect the sample. The 24 hour Urine test (Its necessary to know the size and weight of the patient) 1- Use the plastic 1 gallon container that the laboratory provides. In the case that you brought your own, remember that it should be clean and dry before use. 2- Start the collection in the morning. The first urine of the day should be discarded. Note on the container the time the urine was removed. The goal is to have an empty bladder before starting.3- Once the bladder is empty, deposit in the container all the urine from the day and night. You can collect the urine in smaller containers and carefully pass them to the gallon container. Don't forget any urine. 4- Its recommended to keep the gallon container refridgerated during the process of collection. 5- Complete the collection the following day at the same time as you began the process the day before. 6- Be sure the gallon container is closed correctly, and bring it labeled with your personal data to the lab. In some cases, it may be necessary to supply a blood sample and weight and height data in order to complete the analysis. Also don't forget the test application that the doctor gave you.	URG2-Urgent Test with Manual Testing	Urgent test with manual tests: Test is delivered as soon as possible except when it has a more elaborate manual process, it is offered at a 1:30 hour delay, every day of the week.	H: (75-125) ml/min M: (65-115) ml/min
LBE00404	ACQUIRED ANGIOEDEMA PANEL	8-10 hours fast	REF-Test to send to the reference laboratory	Ref-USA 10 days	Includes: C1q complement, the C1-Inhibitor esterase and C1 (function) inhibitor. Hereditary angioedema is associated with low levels of the C1 Inhibitor estersa (protein) 6 mg/dL) and a low functional activity (40%).Acquired angioedema occurs with low levels of C1 complement and the C1 Inhibitor, along with the appearance of lymphomas and carcinomas. Code Quest: 15963 X
LBE00300	ACTH	None	REF-Tests to be sent to Labs of Reference	2-3 working days	
LBE00083	ACTIVATED X FACTOR	Sample must be taken between 2 and 4 hours after application of heparin to the patient	RUT-Routine exam	Processed everyday	Reference values: Low Molecular Weight Heparins (LMWH_): Normal: (0.0 -0.1_ anti-Xa IU / ml Therapeutic range (0.5-1.0) anti-Xa IU / ml Prophylactic range (0.3-0.5_ anti-Xa IU / ml Unfractionated heparin (UFH_): Therapeutic range (0.3-0.7_ anti-Xa IU / ml
LBE00685	ADN FETAL PARA TRISOMIAS Y SEXO (FETAL DNA FOR TRISOMY AND GENDER)	The patient needs to have at least 10 weeks of pregnancy. It is a non-invasive procedure with minimal risk to the fetus because it is a simple blood test for the patient. Does not require any preparation. Fill out the template located in Molecular Biology with the information of the patient	REF-Tests to be sent to Labs of Reference	Ref USA, 10-15 working days	Fetal DNA is analyzed for the Trisomy 21, 18, and 13, also the X and Y chromosome are analyzed to determine gender and any related aneuploidy



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00077	AGLUT.FEBRILES (febrile agglutination)	None	URG2–Urgent Test with Manual Testing	1:30	
LBE00621	ALA DELTA	24 Hour Urine or Random Urine. Study of porphyrias, safeguard from light.	REF–Tests to be sent to Labs of Reference	REF, USA 8 to 10 days CPT Code(s): 82135	Clinical Significance ALA is a precursor to uroporphyrin, coproporphyrin, and protoporphyrin. Concentrations of ALA are greatly increased in many patients with acute neurological forms of porphyrias and in some patients with chronic alcohol abuse
LBE000378	ALCOHOL	Take the red tube, without cleaning the arm with alcohol. Do not spin dry the tube or uncover it to send it. You must complete the chain of custody and explain that is sent to the reference laboratory. The analysis is a screening, and is not confirmatory, which means it is not suitable as evidence for a trial. It is an analysis of reference and legally accepted only by the OJJ.	REF–Tests to be sent to Labs of Reference	If it is sent before 9am, it will be ready in the afternoon, if not it will be ready the next day Monday through Friday	
LBE00615	ALDOLASA, SANGRE (Aldolase Blood)	Does not require preparation	REF -Tests to be sent to Labs of Reference	USA, 7 working days.	Quest Code: 227X
LBE00473	ALDOSTERONA (Aldosterone)	Should indicate whether in the sample taken the patient was standing or sitting (eg, wheelchair, or stretcher). The rest of the patients should be allowed to sit 15 minutes before taking the sample.	REF–Tests to be sent to Labs of Reference	Delivered in 4 working days	Standing: (4,0–31) ng/dL Sitting: (1,0–16) ng/dL
LBE00562	ALERGIAS INDIVIDUAL (Individual Allergies)	None	RUT–Rutine test	The report is offered the next day in the morning	
LBE00555	ALERGIAS PANEL ALIMENTICIO (Food Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes Total IgE and the following foods: eggs, milk, fish, wheat, rice, peanuts, soybean, mango, banana, pineapple, strawberry, chocolate and tomato.
LBE00560	ALERGIAS PANEL AMPLIADO (Expanded Allergies Panel)		RUT–Rutine test	The report is offered the next day in the morning	Includes: Food Panel (Egg, Milk, Wheat, Rice, Peanuts, Soy, Fish, Shrimp, Mussels, Tuna, Salmon, Orange, Apple, Pear, Banana, Mango, Pineapple, Oats, Corn, Sesame, Hazelnut, Walnut, almond, Coconut) Inhalant Panel (Dermatophagoides pteronyssinus (dust mite), cat dander and epithelium, dog epithelium, Aspergillus fumigatus (Mold), Dermatophagoides farinae (dust mite), home dust and cockroaches



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00553	ALERGIAS PANEL ANIMALES (Animal Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes: Cat (dandruff / epithelium), Horse (dandruff), Cattle (dandruff), Dog (dandruff), Guinea Pig, Rabbit (epithelium), Hamster (epithelium) and Rat / Mouse.
LBE00550	ALERGIAS PANEL BÁSICO (Basic Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes Total IgE and: Airborne allergens: Dermatophagoides pteronyssinus (dust mite), cat (Caspa / epithelium), Dog (epithelium), Aspergillus fumigatus (Mold), household dust and American cockroach. Food: Corn, Sesame, Buckwheat (buckwheat), Crab, Shrimp, Egg, Milk, Wheat, Rice, Peanut and Soy.
LBE00554	ALERGIAS PANEL FRUTAS (Fruit Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes: mango, banana, pineapple, strawberry, orange, apple, pear, tomato and chocolate.
LBE00558	ALERGIAS PANEL INHALANTES (Inhalant Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes Total IgE and the following inhalants: Dermatophagoides pteronyssinus (dust mite), cat (dander / epithelium), Dog (epithelium), Aspergillus fumigatus (Mold), B. tropicalis (dust mite), Dermatophagoides farinae (dust mite) Household dust and Cockroach.
LBE00561	ALERGIAS PANEL INSECTOS (VENENOS) (Allergy Insect Venom Panel)		RUT–Rutine test	The report is offered the next day in the morning	Bee, Wasp, Ant, Mosquito
LBE00556	ALERGIAS PANEL MARISCOS (Seafood Allergy Panel)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes: Fish, Shrimp, Mussels, Tuna, Salmon, Oysters, Crab, Octopus, and Sardines.
LBE00551	ALERGIAS PANEL PEDIÁTRICO I (0–3 AÑOS) (Pediatric Allergy Panel I, 0-3 years)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes Total IgE and the following foods: Egg, Milk, Wheat, Rice, Peanut and Soy. Also the following airborne allergens: Dermatophagoides pteronyssinus (dust mite), cat (Caspa / epithelium), Dog (epithelium), Aspergillus fumigatus (Mold)
LBE00552	ALERGIAS PANEL PEDIÁTRICO II (3–6 AÑOS) (Pediatric Allergy Panel II, 3-6 Years)	None	RUT–Rutine test	The report is offered the next day in the morning	The panel includes Total IgE and the following foods: Egg, Milk, Wheat, Rice, Peanuts, Soy, pork, beef, Meat, Chicken, Lamb, Mango, Banana, and Pineapple. Also the following airborne allergens: Dermatophagoides pteronyssinus (dust mite), cat (Caspa / epithelium), Dog (epithelium), and Aspergillus fumigatus (Mold).
LBE00557	ALERGIAS PANEL SEMILLAS Y CEREALES (Seed and Cereal Allergy Panel)		RUT–Rutine test	The report is offered the next day in the morning	The panel includes: Wheat, Oats, Corn, Sesame, Peanut, Hazelnut, Walnut, Almond, and Coconut.
LBE00559	ALERGIAS PENICILINA G and V (Penicilin Allergy)		RUT–Rutine test	The report is offered the next day in the morning	Penicilin G and V



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00429	ALFA 1 ANTITRIPSINA (Alpha-1 antitrypsin)	None	REF–Tests to be sent to Labs of Reference	REF, 5 working days.	See Report
LBE00034	ALFA FETOPROTEINA (alpha-feto-protein)	Preparation : Does not apply	RUT–Rutine test	Routine examination test that is performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am) and is delivered in the afternoon hours, if the sample is taken on another shift the result is given in 6 hours.	Range of Reference <10,9 ng/mL
LBE00661	ALFA-GALACTOSIDASA (alpha galactosidase)	None	REF–Tests to be sent to Labs of Reference	USA, 15 working days.	Quest Code:1629X
LBE00047	ALKALINE PHOSPHATASE	No special patient preparation is required.	URG -urgent test	1 hour	(38–126) mg/dL reportable range: (20-1500) mg/dL
LBE00153	ALKALINE PHOSPHATASE ISOENZYMES	Best while fasting	REF -Exams to be sent to reference labs	ref USA, Delivery in 10 days	includes separation agarose electrophoresis: total alkaline phosphatase intestinal isoenzyme, placenta, bone and liver
LBE00333	AMIKACINA (NIVEL DE) / AMIKACIN (LEVEL)	None	REF–Tests to be sent to Labs of Reference	Delivered in 1 to 2 days	
LBE00397	AMILASA PANCREATICA (pancreatic amylase)		URG–Urgent Test	1 hour	
LBE00038	AMILASEMIA (amylasemia)	Does not require special preparation of the patient	URG–Urgent Test	1 hour	(30–100) U/L Reportable Range: Serum: (30-1200) U/L
LBE00161	AMILASURIA (amylasuria)	Does not require any special preparation of the patient. Random urine or from 2 to 4 hours.	URG -Urgent Test	1 hour	(32 – 641) U/L Reportable Range Urine: (30-1200) U/L
LBE00140	AMNIOTIC FLUID PHOSPHATIDYL-GLYCEROL	Amniotic fluid drawn and sent by the doctor.	URG–Urgent test	1 hour	Medical interpretation: _ of lung maturity if it is positive
LBE00028	AMONIO (AMMONIUM)	Does not require special preparation of the patient	URG–Urgent Test	1 hour	(9–33) umol/L Reportable Range: (1-500) umol/L
LBE00061	ANALISIS DE CALCULO URINARIO (URINARY ANALYSIS CALCULATION)	None	REF–Tests to be sent to laboratories of reference	8-10 working days. Sent to the USA	
LBE00645	ANAPLASMA, DNA, QUALITATIVE REAL-TIME PCR	Does not require preparation	REF–Test to be sent to Labs of Reference	Ref USA, 7 working days	Anaplasma phagocytophilum detection (Gram negative bacteria which causes the granulocytic anaplasmosis, which is one of the rickettsial diseases associated with ticks). Quest Code: 17320



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00543	ANCA -ELISA PANEL AMPLIADO (The Extended ELISA Panel)	None	ESP–Special Tests	ESP, 2 working days	Important for Vasculitis autoimmune disorders. The panel includes the detection of total antibodies: Anti-PR3 (proteinase 3), Anti-MPO (myeloperoxidase), BPI (bacterial permeability increasing protein), elastase, Cathepsina G, and lactoferrin Lisozyima.
LBE00540	ANCA SCREEN BLOT	None	ESP–Special Tests	ESP, In 2 working days.	For Vasculitis disorders. The panel includes the detection of antibodies totals against: Anti-PR3 (proteinase 3) Anti-MPO (myeloperoxidase) Anti Glomerular Basement Membrane
LBE00359	ANCA-C (C-ANCA)	None	ESP–Special Tests	2 working days	These antibodies are directed against the Proteinase-3
LBE00360	ANCA-P (P-ANCA)	None	ESP–Special Tests	2 working days	These antibodies are directed against myeloperoxidase (MPO)
LBE00715	ANDROGENIC PROFILE	No requirement It helps to monitor hormone levels in the male. * It contains references to other laboratory tests.	ESP- Special tests	Results in 5 days	Includes: Morning Cortisol, dehydroepiandrosterone sulfate (DHEAS), progesterone, and testosterone free.
LBE00574	ANDROSTENEDIONA (ANDROSTENEDIONE)	None	REF–Tests to be sent to Labs of Reference	3 working days.	Androstenedione is useful in evaluating patients with androgen excess and for the management of patients with Congenital Adrenal Hyperplasia (CAH).
LBE00726	ANGIOTENSINA 2 (ANGIOTENSIN 2)	None	REF–Tests to be sent to Labs of Reference	REF USA, 10-12 working days	Clinical Relevance: Angiotensin-converting enzyme (ACE) converts angiotensin I to angiotensin II. Angiotensin II exerts a negative control on renin release. Angiotensin II, in conjunction with renin, are useful in the classification of patients with hypertension. Quest Code: 36718
LBE00519	ANTI CORE IGM (IGM Hepatitis B Core Antibodies)	None	RUT–Routine Test	It is offered in 4 hours	This test detects IgM anti-hepatitis B core antibodies
LBE00088	ANTI D.N.A.	None	ESP–Special Tests	ESP, it is conducted Tuesdays and Fridays. It is delivered in the afternoon. The same day the same should be taken before 8am	Negative
LBE00103	ANTI HIV	None	RUT–Routine Test	It is offered in 6 hours	Negative <0,9 S/CO
LBE00641	ANTI MULLERIANO HORMONA (Anti Mullerian Hormone)	None	REF–Tests to be sent to Labs of Reference	REF, 8 to 10 days USA	Clinical Relevance: AMH / MIS can be used in the investigation of ovarian reserve and pre menopausal transition in women, screening and early puberty in young, the differential diagnosis of intersex disorders, the diagnosis of cryptorchidism and anorchism, and evaluation of gonadal function in men at all ages. Quest Code: 16842X



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00451	ANTI TRANSGLUTAMINASA (ANTI TRANSGLUTAMINASE)	Preferably don't fast from gluten, Eat normally	ESP–Special Tests	2 working days	Negative
LBE00387	ANTI TROMBINA III (ANTI THROMBIN III)	Patient not anticoagulated (please indicate if you are)	ESP–Special Tests	Processed on Wednesdays	reference value: (80%–120%)
LBE00439	ANTI-CORE	None	RUT–Routine Test	Its offered in 4 hours	This test detects the total antibodies anti-Core Hepatitis B.
LBE00399	ANTICOAGULANTE LÚPICO (lupus anticoagulant)	Patient not anticoagulated (please indicate if you are)	ESP–Special Tests	Processed on Wednesdays	Note: Includes presumptive test of lupus anticoagulant. You should inform the patient that subsequently they may be charged for the confirmatory test
LBE00535	ANTICOAGULANTE LÚPICO PRUEBA CONFIRMATORIA (Lupus Anticoagulant Confirmation Test)	Indicate if the patient is anticoagulant	ESP–Special Tests	Processed on Wednesdays	Should be done if the AVC study gives a presumptive positive for lupus anticoagulant. The confirmation test and charges are separate from the lupus anticoagulant test
LBE00518	ANTICUERPOS ANTI ENDOMICIO (anti endomysial antibodies)	None	REF–Tests to be sent to Labs of Reference	REF USA, 7 working days	immunofluorescence Quest Code: 15064
LBE00437	ANTICUERPOS ANTI GLIADINA (GLUTEN) (Anti Gliadin Antibodies)	No preparation is required. Anti-gliadin IgG and IgA antibodies are analyzed. This test is involved in the study of patients with gluten intolerance.	ESP–Special Tests	2 working days	Includes: anti-gliadin IgG and IgA anti-gliadin antibodies.
LBE00649	ANTICUERPOS ANTI HBE (Antibodies Anti HBE)	None	REF–Tests to be sent to Labs of Reference	REF, 2 days	Negative
LBE00338	ANTICUERPOS ANTI HISTOPLASMA (Histoplasma Antibodies)	None	REF–Tests to be sent to Labs of Reference	REF USA, 5-7 working days	Histoplasmosis is caused by <i>Histoplasma capsulatum</i> , and is characterized by a mild or asymptomatic infection. Some patients, however, develop chronic or pulmonary histoplasmosis or an acute disseminated histoplasmosis which can cause death. The complement fixation technique detects antibodies against yeast forms and mycelial forms. Approximately 90-95% of patients with histoplasmosis have detectable antibodies. Quest Code: 8854N
LBE00680	ANTICUERPOS ANTI TSH (TSH Antibody)	None	REF–Tests to be sent to Labs of Reference	Ref USA, 10 working days	Patients with autoimmune thyroid disease (ATD) can develop autoantibodies to TSH. These antibodies interfere with the measurement of TSH, so it helps to understand inconsistent clinical and laboratory findings . Quest Code: 36577



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00678	ANTICUERPOS ANTI-PLAQUETAS INDUCIDOS POR HEPARINA-IGG, IGM E IGA (Heparin-Induced Platelet Antibody)	None	REF–Tests to be sent to Labs of Reference	Ref USA, 6-8 working days	Clinical Relevance: Useful in the diagnosis of heparin-induced thrombocytopenia. A positive result is indicative of the presence of heparin-induced antibodies, however, false positives can occur due to the presence of immune complexes or other immunoglobulin aggregates. A negative result suggests the absence of heparin-induced antibodies; low titer or low avidity could not be detected. Other clinical and laboratory findings should be used in conjunction with this result before diagnosing heparin-induced thrombocytopenia. Quest Code: 414
LBE00373	ANTICUERPOS ANTI-TIROGLOBULINA (Thyroglobulin Antibodies)	None	RUT–Routine Test	6 hr	Negative
LBE00358	ANTICUERPOS ANTICHAGAS (Chagas Antibodies)	Preparation : Does not apply	RUT–Routine Test	Delivered Fridays in the Afternoon	
LBE00090	ANTICUERPOS ANTIMITOCONDRIALES (Mitochondrial Antibodies)	None	ESP–Special Tests	ESP, 2 working days	Negative
LBE00089	ANTICUERPOS ANTINUCLEARES (Antinuclear Antibody)	None	ESP–Special Tests	ESP, Conducted Tuesday and Friday , delivered in the afternoon if the sample is taken Tuesday or Friday before 8am, the result is available in the afternoon.	Negative
LBE00341	ANTICUERPOS ANTITOXOCARA (Toxocara Antibody)	Preparation : Does Not Apply	REF–Tests to be sent to Labs of Reference	Ref USA, 7-10 working days	Antibody Totals against Toxocara sp are measured. (not specified if IgG) Quest Code: 53868P
LBE00339	ANTICUERPOS ENA (ENA Antibodies)	None.	ESP–Special Tests	ESP, 2 working days.	Includes: dsDNA (DNA double band), RNP (ribonucleoprotein), SM (Smith), SS-A (Ro), SS-B (La), Jo-1, Scl 70, CENP (centromere)
LBE00228	ANTICUERPOS HEPATITIS A (Hepatitis A Antibodies)	None	REF–Tests to be sent to Labs of Reference	Delivered in 4 hours	This test includes: IgM anti-hepatitis A (only)
LBE00441	ANTICUERPOS HEPATITIS B (Hepatitis B Antibodies)	None	RUT–Routine Test	Delivered in 4 hours	This test detects total antibody anti-surface antigen Hepatitis B.
LBE00665	ANTICUERPOS IGG ANTI CISTIC-ERCO WESTER BLOT (Cysticercus Antibody, ELISA)	None	REF–Tests to be sent to Labs of Reference	REF, 8 days USA	Quest Code 96008P in serum, and in LCR code 34164X
LBE00502	ANTICUERPOS POR HERPES I IGG (HERPES I ANTIBODIES IGG)	None	ESP–Special Tests	Conducted Mondays and Thursdays	Negative
LBE00503	ANTICUERPOS POR HERPES I IGM (Herpes I Antibodies IGM)	None	ESP–Special Tests	Conducted Mondays and Thursdays	
LBE00504	ANTICUERPOS POR HERPES II IGG (Herpes II Antibodies IGG)	None	ESP–Special Tests	Conducted Mondays and Thursdays	Negative



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00505	ANTICUERPOS POR HERPES II IGM (Herpes II Antibodies IGM)		ESP–Special Tests	Conducted Mondays and Thursdays	Negative
LBE00342	ANTIDEPRESIVOS TRICICLICOS (tricyclic antidepressants)	Preparation: consultation in the laboratory as it depends on the type of antidepressant Result: The same day 5p.m. to 10p.m DETECTS: Amitriptyline, Anafranil, Triptanol	REF–Tests to be sent to Labs of Reference	2 working days	Therapeutic Range: From 50 a 100 <i>fug</i> /mL Consult on the total antidepressants the test detects
LBE00035	ANTIGENO PROSTATICO ESPECIFICO (Prostate Specific Antigen)	None	RUT–Routine Test	6 hr	Medical Interpretation Needed
LBE00364	ANTIGENO PROSTATICO LIBRE (Free Prostate Antigen)	None	RUT–Routine Test	6 hr	(0,0-0,934) ng/mL
LBE00623	ANTIGENO PROSTATICO PARA FERIA (Prostate Antigen)	does not require fasting	RUT–Routine Test	results in 2 hours	
LBE00520	ANTIGENO Y ANTICUERPO POR DENGUE (Dengue Antigen and Antibody)	None. Ask the doctor for the epidemiological page to send the sample to INCIENSA for the confirmatory test.	URG2–Urgent Test with Manual Testing	1:30 hr	Negative.
LBE00450	ANTIMUSCULO LISO (Actin Smooth Muscle Antibody IgG)	None	REF–Tests to be sent to Labs of Reference	REF USA, 8 working days	This analysis recognizes anti-actin antibodies, which are the major component of anti-smooth muscle associated with autoimmune liver disease antibodies. The anti-actin antibodies are found in approx. 75% of patients with autoimmune hepatitis (AIH) type 1, 65% of patients with autoimmune cholangitis, 30% of patients with primary biliary cirrhosis and 2% of healthy people. Elevated levels correlate with AIH type 1. Quest Code: 15043 Reference Range: Negative
LBE00652	ANTIIPHOSPHOLIPID SYNDROME STUDY	Non-fasting Includes anticardiolipin antibodies IgG and IgM antibodies to beta-2-glycoprotein 1 IgG and IgM antibodies lupus anticoagulant (presumptive test). * If required confirmatory test for lupus anticoagulant, this is charged separately. Lupus anticoagulant **: for patients not taking anticoagulants (if you are taking an anticoagulant please indicate_.	ESP–Special tests	ESP, Offered for Friday afternoon. Note: Samplesw must be hjanDED in the day before.	Includes anticardiolipin antibodies IgG and IgM, anti-beta-2 glycoprotein 1 IgG and IgM, lupus anticoagulant antibodies. This profile includes Laboratory tests for the diagnosis of thrombotic autoimmunity that cause problems and are associated with recurrent pregnancy loss (spontaneous abortions_
LBE00139	APOLIPOPROTEINAS (Apolipoprotein Evaluation)	Fast of 12 hours	REF–Tests to be sent to Labs of Reference	USA, 7-10 working days	Includes: apolipoprotein A1, apolipoprotein B and ApoB/A1 reason Quest Code: 604N
LBE00063	ARTERIAL GAS	Collected blood sample by doctor, heparinized, shipped on ice as soon as possible. Process as soon as possible.	URG–Urgent test	Processed immediately	pH: 7.,35-7,45 pO2: (83-108) mmHg pCO2: (35-45) mmHg HCO3-: (21-28)mmol/L SO2: 95-98 % EB: (-2-+3) mmol/L



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00156	AVC PROTOCOL	Ask if the patient is taking anticoagulant and indicate on the ballot. Note: Includes presumptive evidence of lupus anticoagulant. Should inform the patient that subsequently there may be a charge for the confirmatory test.	Always ask the patient and doctor if you are mounting the thrombotic risk mutations (charged separately or thrombotic Full Studio has the AVC protocol and mutations, LBE000640 requested).	ESP- Special tests	Wednesday afternoon
LBE00205	AVC PROTOCOL FOR REFERENCE LABORATORIES	Includes lupus anticoagulant (presumptive confirmatory charged separately), antithrombin III, Protein C Protein S. (NOT anti cardiolipin or mutations). Ask if the patient is taking anticoagulant and indicate on the ballot. Note: Includes presumptive evidence of lupus anticoagulant. Should inform the patient that subsequently there may be a charge for the confirmatory test. Always ask the patient and doctor if you are mounting the thrombotic risk mutations (charged separately or complete thrombotic Studio has the AVC protocol and mutations, LBE000640 requested).	ESP- Special tests	Wednesday Afternoon	
LBE00165	AZUCARES EN HECES (Stool Analysis)	Fresh sample of less than 4 hours (If you will take longer to send it to the laboratory preferably keep refrigerated) IMP: niños lactantes o que utilicen pañal se debe recolectar la muestra con los genitales limpios sin ningún tipo de crema o talco.	URG2-Urgent Test with Manual Testing	1:30 hr	
LBE00464	BACTERIA CULTURES	Preparation: Depends on type of culture	RUT-Routine exam	From 2-5 working days (depends on type of culture)	Identification and Susceptibility Test (separate charge)
LBE00023	BACTERIAL SMEAR	Preparation: depends on type of sample	RUT-Routine exam	Up to 2 hours.	Staining
LBE00343	BALANCE METABOLICO OSEO (Metabolic Balance)	Preferably fasting Request the second urine of the morning	REF-Tests to be sent to Labs of Reference	5 working days	Package includes: total alkaline phosphatase, bone alkaline phosphatase, N-telopeptide (NTx) in urine, right calcium / creatinine in urine, serum calcium and analytical scope of the study.
LBE00646	BARTONELLA, DNA, QUALITATIVE REAL-TIME PCR	Does not require any preparation	ESP-Special Tests	USA, 5-7 working days.	This assay differentiates the following spp. Bartonella henselae and B. quintana.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00740	BCR-ABL, DETECCIÓN MUTACIÓN PCR (BCR-ABL PCR MUTATION DETECTION)	Nothing Special, only the request from the doctor If the patient is referred by the Novartis Study, remember to collect the signed and completely filled ticket to process the analysis, in these cases note the name of the physician for whom to submit it by email.	RUT–Routine Test	Delivered in 6 hours	analysis to detect the mutation or translocation of the BCR-ABL genes associated with Chronic Myelogenous Leukemia, otherwise known as Philadelphia chromosome
LBE00201	BENCE JONES	None	RUT–Routine Test	If taken during the morning (before 9:00 am) it's delivered in the afternoon, if the sample is taken during another shift the result is offered in 6 hours.	Normal Result: Negative
LBE00468	BENZODIACEPINA EN ORINA (Benzodiazepine in urine)	QUANTIFIED. Random urine sample custodial (If you just want to qualitatively realize the benzodiazepines that are found in the urine toxin test that we carry out in our lab)	REF–Tests to be sent to Labs of Reference	2 working days	
LBE00590	BETA 2-GLICOPROTEÍNA I, IGG E IGM (Beta 2-glycoprotein I, IgG and IgM)	None	ESP–Special Tests	ESP, Delivery in 48 hours during the week, Note: for these deliveries the sample must come in the previous day before 8 am	Negative
LBE00495	BETA SUBUNIT	None	URG -urgent test	1 hour	Negative <10 UI/mL
LBE00027	BILIRRUB. TOT. Y FRAC. (Bilirubin Total and Fractionated)	Does not require any special preparation of the patient.	URG–Urgent Test	1 hour	Total: (0,3-1,0) mg/dL. Direct: 0,4 mg/dL reportable range: BuBc: (0-27) mg/dL TBil: (0-27) mg/dl
LBE00427	BILIRRUBINA NEONATAL (Neonatal Bilirubin)	None.	URG–Urgent Test	1 hour	
LBE00180	BK SMEAR	Preparation : Depends on type of sample	RUT–Routine exam	Up to 2 hours.	Staining
LBE00029	BLEEDING	Preparation : Does not apply	RUT -routine exam		Extraction of blood, according to medical indication of quantity -
LBE00095	BLOOD HOMOCYSTEINE	None	RUT -Routine exam	Results in 4 hours max	(5-15) umol/L
LBE00227	BLOOD IN STOOL	Fresh sample of less than 4 hours (If you will take longer to send to the laboratory best kept in refrigeration) IMP: infants or children using diapers to collect a sample, they must have clean genitals without any cream or powder DO NOT receive Stool sample from patient who is menstruating or with hemorrhoids.	URG2 -urgent tests with manual proof	1:30 hr	
LBE00191	BONE ALKALINE PHOSPHATASE	12 hour fasting	ESP–Special tests	Weekday routine. Delivered the same day in the afternoon if the sample comes in the morning.	<50 U/L



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00635	BORDETELLA PERTUSSIS IGG AND IGA ANTIBODIES	None	REF--Tests to be sent to Labs of Reference	Ref USA, 7-10 working days	Quest Code: 17825X
LBE00634	BORDETELLA PERTUSSIS IGG ANTI-BODIES	None	REF--Tests to be sent to Labs of Reference	Ref USA, 7 working days	Quest Code: 17826X
LBE00636	BORDETELLA PERTUSSIS/PARA-PERTUSSIS DNA, QUALITATIVE REAL-TIME	<p>Instruction for taking the sample:</p> <p>Nasopharyngeal aspirates: Insert 1-1.5 ml sterile saline solution (pH 7.0) in one nostril. Rinse a catheter (thin tubing) with 2-3 ml saline solution. Insert the tube into the nostril parallel to the palate. Aspire nasopharyngeal secretions. Repeat this process for the other nostril. Combine contents into a sterile vial. Send contents refrigerated or frozen.</p> <p>Nasopharyngeal swab: Use tube with liquid Amies and smear collection wire. Do not use the Calcium alginate swabs, because they may contain substances that inhibit PCR. Insert swab into the nostril parallel to the palate and leave in place for a few seconds to absorb secretions. Do it in both nostrils. Place swab immediately into the transport tube, and send the swab cooled.</p>	ESP--Special Tests	charge the code LBE00636 of Pneumobacterias	Clinical Relevance: Bordetella pertussis is the pathogen that causes whooping cough can occur in unimmunized individuals. B. parapertussis is a related organism that causes a similar but milder disease. Laboratory diagnosis may require both culture and serological confirmation.
LBE00644	BORRELIA BURGENDORFERI, DNA, QUALITATIVE REAL-TIME PCR	Does not require preparation	REF--Tests to be sent to Labs of Reference	USA, 5-7 working days.	Detection of Borrelia spp. (the spirochete B. burgdorferi is the causative agent of Lyme disease). Quest Code (blood): 15777
LBE00737	BRCA 1 AND 2	<p>It requires no special indication in sampling.</p> <p>Ask and record the following questions: 1. ethnicity 2. if you know a family member with positive BRCA 3. Any family mutation / deletion</p> <p>also you must to fill out an authorization that is found in Molecular Biology. This test detects mutations in the BRCA1 and BRCA2 genes, which are the most common causes of hereditary breast and ovarian cancers.</p>	REF--Tests to be sent to Labs of Reference	Send to the USA, Delivered in 15 to 20 Days	<p>This test detects mutations in the BRCA1 and BRCA2 genes, which are the most common causes of hereditary breast and ovarian cancers.</p> <p>Metod: Next Generation Sequencing and Multiplex Ligation-dependent Probe Amplification (MLPA)</p> <p>BRCA1 and 2 comprehensive panel *BRCA1 and 2 deletion/duplication * BRCA1 comprehensive panel *BRCA1 deletion/duplication * BRCA1 sequencing *BRCA2 comprehensive panel * BRCA2 deletion/duplication * *BRCA2 sequencing * Genetic breast cancer *Hereditary breast cancer * Hereditary ovarian cancer</p>



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00647	BRUCELLA, DNA, QUALITATIVE REAL-TIME PCR	Does not require special preparation	ESP–Special Tests	7 working days	Allows confirmation before a positive Rose Bengal Test
LBE00611	C-TELOPEPTIDE (CTX)	Patient preparation: Morning Fasting 8-10 am Collection. (Diurnal variations are necessary to have high levels at night.) At least 12 hours of fasting.	REF–Tests to be sent to Labs of Reference	REFERENCE USA DELIVERY IN 10 DAYS	CTX is useful to assess bone resorption in patients with metabolic bone disease. The test is also useful in monitoring of therapy to slow or stop osteoporotic bone loss
LBE00033	C.E.A.	None	RUT–Routine Test	6 hr	Non Smokers: 0-3,4 ng/mL Smokers: 0-5,2 ng/mL
LBE00040	C.P.K.	Does not require any special preparation of the patient	URG–Urgent Test	1 hour	M: (55-170) U/L F: (30-135) U/L reportable range: Serum: (20-1600) U/L
LBE00542	C1 COMPLEMENTO INHIBIDOR DE LA ESTERASA (C1 Esterase Inhibitor, Protein)	Does not require preparation. We offer panels of acquired angioedema and hereditary angioedema.	REF–Tests to be sent to Labs of Reference	Ref USA, 5 working days	Levels of C1 esterase inhibitor are decreased in patients with angioedema. Hereditary angioedema occurs in the first 2 decades of life, whereas the acquired form is usually secondary to autoimmune or lymphoproliferative disorders. 85% of patients with hereditary angioedema have decreased levels (10-30%) of this protein. Quest Code: 298
LBE00549	C1 INHIBIDOR DE LA ESTERASA FUNCIONAL (C1 Inhibitor, Functional)	Does not require preparation. We offer panels of acquired angioedema and hereditary angioedema.	REF–Tests to be sent to Labs of Reference	Ref USA, 5 working days	85% of patients with hereditary angioedema have decreased levels (10-30%) of C1 esterase inhibitor. The remaining 15% have normal levels but with a markedly reduced function, and so it is useful to measure the activity. Quest Code: 44768P
LBE00036	CA 125	None	RUT–Routine Test	6 hr	<10,9 ng/mL
LBE00037	CA 15-3	None	RUT–Routine Test	6 hr	<28 U/mL
LBE00350	CA 19-9	None	RUT–Routine Test	6 hr	<37,0 U/mL
LBE00021	CALCIO (Calcium)	None	URG–Urgent Test	1 hour	(8,4-10,2) mg/dL Reportable range: Serum: (1,00 -14,00) mg/dL Urine: (1,00-17,80) mg/dL
LBE00356	CALCIO IONICO (Calcium Ion)	None	RUT–Routine Test	Routine Test: test performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am), it is delivered in the afternoon, if the sample is taken during another shift the result is given in 6 hours.	Reference: 1.12–1.32 mmol / L.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00681	CALCITONINA (Calcitonin)	8 Hour Fast, Preferably	REF–Tests to be sent to Labs of Reference	USA, 7-10 working days.	Quest Code: 30742X Clinical Significance Calcitonin concentration is increased in patients with medullary thyroid carcinoma. Calcitonin concentrations may be used to monitor disease.
LBE00157	CALCIURIA	In the lab, they will give you the instructions sheet and container to collect the sample. The 24 hour Urine test (Its necessary to know the size and weight of the patient) 1- Use the plastic 1 gallon container that the laboratory provides. In the case that you brought your own, remember that it should be clean and dry before use. 2- Start the collection in the morning. The first urine of the day should be discarded. Note on the container the time the urine was removed. The goal is to have an empty bladder before starting.3- Once the bladder is empty, deposit in the container all the urine from the day and night. You can collect the urine in smaller containers and carefully pass them to the gallon container. Don't forget any urine. 4- Its recommended to keep the gallon container refridgerated during the process of collection. 5- Complete the collection the following day at the same time as you began the process the day before. 6- Be sure the gallon container is closed correctly, and bring it labeled with your personal data to the lab. 7-In some cases, it may be necessary to supply a blood sample and weight and height data in order to complete the analysis. Also dont forget the test application that the doctor gave you. Result: Same day . Maintain container refridgerated	URG2–Urgent Test with Manual Testing	Urgent Test with Manual testing: Test is delivered as soon as possible except when it has a more elaborate manual process, offered at 1:30 hour delay for the results, every day of the week.	(100-300) mg/24hrs. Reportable range: Serum: (1,00 -14,00) mg/dL Urine: (1,00-17,80) mg/dL
LBE00072	CAMPO OSCURO (Dark Field)	Its recommended that the patient does this test instead of the Treponema pallidum antibodies in blood (FTA-ABS) test	RUT–Routine Test	3 hr	
LBE00048	CARBAMAZEPINA (CARBAMAZEPINE)	It is recommended to do the sample extraction before the patient takes medication	URG–Urgent Test	2 hr	Therapeutic Range: From (4 to 10) ng/mL
LBE00662	CARBOHYDRATO-DEFICIENCIA DE LA TRANSFERRINA CDT (ABUSO ALCOHOL) / CARBOHYDRATE-DEFICIENCY OF TRANSFERRIN CDT (ALCOHOL ABUSE)	8-10 hrs Fast	REF–Tests to be sent to Labs of Reference	USA, 5-7 working days	clinical importance Excessive alcohol consumption (defined as> 4 or 5 drinks per day for two weeks or more) are commonly associated with elevated CDT levels like certain liver diseases such as primary biliary cirrhosis and chronic active hepatitis and in some patients with variant D transferrin gene
LBE00484	CARBOXIHEMOGLOBINA (CARBOXYHAEMOGLOBIN)	No preparation required	REF–Tests to be sent to Labs of Reference	Ref USA, 5 working days	In the UCR Lab (near CENARE)



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00514	CARGA VIRAL DE CITOMEGALO-VIRUS (CMV)/ cytomegalovirus viral load (cvm)	None. If it's a test we refer it to another lab and charge with the code LBE00629.	ESP–Special Tests	Tuesday afternoon. However, depending on the urgency it is processed as soon as possible.	The analytical detection limit is: 57.1 copias/mL
LBE00475	CARGA VIRAL HEPATITIS B (Hepatitis B viral load)	None	REF–Tests to be sent to Labs of Reference	REF USA, 10 to 12 days	Reference Range(s) __Hepatitis B Virus DNA (UOM IU/mL) <20 __Hepatitis B Virus DNA (UOM copies/mL) <116 The method used in this test is Real-Time PCR of the pre-core region of the circular HBV genome.
LBE00412	CARGA VIRAL HEPATITIS C (Hepatitis C viral load)	Preparation : Does not apply	REF–Tests to be sent to Labs of Reference	REF, USA 10 to 12 días	Clinical Significance RNA by quantitative real-time PCR is useful to confirm HCV infection assess prognosis (prior to initiation of therapy), prescribing individual therapy, predicting the response to treatment, and monitoring the response to therapy.
LBE00727	CATECOLAMINAS, ORINA (CATECHOLAMINES, URINE)	Go to laboratory for instructions and container to collect the 24 hour urine sample if required (preferably gallon container has been acidified with 6N HCl). Ideally, the patient should not take any medication 3 days before the sampling (you can take antihypertensives). Avoid alcohol, coffee, tea, tobacco, and strenuous exercise prior to sampling.	ESP–Special Tests	REF, USA,	Includes: Epinephrine, Norepinephrine, dopamine, and total catecholamines. Quest Code: 318 X (without creatinine), 4168N (with creatinine) and 5244 (random urine).
LBE00179	CATECOLAMINAS, PLASMA (Catecholamines, Fractionated, Plasma)	Fast of 8-10 hrs. Patients should be relaxed, either in a supine or in an upright position before having blood drawne. States of anxiety and stress can cause fluctuations in catecholamine levels. The patient should avoid alcohol, coffee, tea, tobacco and strenuous exercise prior to the collection. It is required to fast the day of.	REF–Tests to be sent to Labs of Reference	REF 10 days USA.	Includes: Epinephrine, Norepinephrine, Dopamine, and total catecholamines. Quest Code: 8193N Due to stress and alteration of plasma catecholamines by the same, in small children the urine analysis is recommended. Clinical Significance The three catecholamines (norepinephrine, epinephrine, and dopamine) are the principal secretory products of neural tissue. Clinically, the measurement of circulating catecholamines is valuable in the diagnosis of catecholamine secreting tumors associated chiefly with hypertension (pheochromocytomas, neuroblastomas, and gangliomas) and with the evaluation of orthostatic hypotension



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00446	CBC	N/A	URG -Urgent test	Results in 2 hours	Reference Ranges: See report.
LBE00445	CCP	None	REF–Tests to be sent to Labs of Reference	reference results in 2 working days	Neg: < 5 U/mL Undetermined: (5-10) U/mL Pos: > 10 U/mL
LBE00104	CD4-CD8	It is by prior appointment, fresh sample of the same day, before 10am Monday-Friday The patient must be FASTING	ESP–Special Tests	From Monday to Friday,sample coordinated in the morning. Results in the afternoon.	
LBE00124	Celiac disease (HLA DQ2/DQ8 AND ANTI TRANSGLUTAMINES_	The patient need not be fasting, must consume their normal diet for this analysis.	ESP–Special tests	ESP, Are done on wednesdays with results in the afternoon.	Includes: DQ2/DQ8 HLA antibodies and IgG and IgA Transglutamines
LBE00128	CELULAS L.E. (LE Cell Test)	None	URG2–Urgent Test with Manual Testing	1:30 hr	Negative
LBE00618	CELULAS PARIETALES, ANTICUERPOS (ANTIPARIETAL CELL ANTIBODIES)	Gastro Screen LBE00539 offered, if not sent to REF, USA 8-10 Days	REF–Tests to be sent to Labs of Reference	Gastro Screen LBE00539 offered, if not sent to REF, USA 8-10 Days	
LBE00115	CERULOPLASMINA (CERULOPLASMIN)	None	REF–Tests to be sent to Labs of Reference	2 working days.	(55-150) U/L
LBE00202	CETONEMIA (ketonemia)	None	URG–Urgent Test	Delivered in 1 hour	
LBE00393	CHLAMYDIA IGG (ELISA)	None	ESP–Special Tests	ESP, Monday and Thursday. These days the sample must enter before 8am. Results in the afternoon.	Negative
LBE00394	CHLAMYDIA IGM (ELISA)	None	ESP–Special Tests	ESP, Monday and Thursday. These days the sample must enter before 8am. Results in the afternoon.	Negative
LBE00013	CHROMOGRANIN A	None	REF–Exams to be sent to refence labs	USA, 7 working days.	The determination of plasma levels of chromogranin A (CgA) is the most sensitive for the diagnosis and monitoring of neuroendocrine gastroenteropancreatic tumors ; important for the diagnosis of pheochromocytoma. Quest Code: 16379
LBE00612	CICLOSPORINA (NIVELES SANGUÍNEOS)/ CYCLOSPORINE (BLOOD LEVELS)	It is recommended to do the sample extraction before the patient takes medication	REF–Tests to be sent to Labs of Reference	5 working days	
LBE00122	CIRCULATING PLATELET IGG, IGM, IGA AND ANTI-BODIES	none	Ref- to send to reference lab	REF- USA 7-10 days	Elevated levels of these antibodies's are associated with autoimmune or secondary carcinomas, AIDS, or diseases of connective tissues thrombocytopenia. Quest Code: 34327X



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00330	CITOMEGALOVIRUS DIRECTO (DIRECT CYTOMEGALOVIRUS)	Fresh sample taken the same day with previous appointment is recommended and if possible refrigerate before sending. (Check first in Labiclin send before 9 am).	REF–Tests to be sent to Labs of Reference	REF, 3 days (viral load by PCR is offered) Cytomegalovirus Antigenemia (CMV direct)	Better PCR is offered
LBE00101	CITOMEGALOVIRUS IGG (CYTOMEGALOVIRUS IGG)	None	RUT–Routine Test	its offered in 6 hours	Negative
LBE00102	CITOMEGALOVIRUS IGM (CYTOMEGALOVIRUS IGM)	None	RUT–Routine Test	Its offered in 6 hours	Negative
LBE00042	CK-MB	None	URG–Urgent Test	1 hour	(0-16) U/L reportable range: Serum: (1-300) U/L
LBE00105	CLASIFICACION DE HEPATITIS (Hepatitis Classification)	Preparation: Does not apply Results : The same day	RUT–Routine Test	Results in the afternoon or in 6 hours	Complete Profile of Hepatitis study indicates the current status of the infection. Includes the following antibodies: Hepatitis A IgM (HAVAB M), Hepatitis B surface Ag (HBsAg), Hepatitis B Core Total, Hepatitis B Core IgM (HBc IgM Ac), and hepatitis C IgG (HCVAc).
LBE00024	CLORUROS (Chloride)	Does not require special preparation of the patient	URG–Urgent Test	1 hour	(98–107) mmol/L reportable range: (50,0-175,0) mmol/L
LBE00728	CLOSTRIDIUM DIFFICILE (TOXINA EN HECES)/ Stool C. Difficile Toxin Test	Stool sample, no special preparation	URG–Urgent Test	Delivered in 2 hours	Methodology: Real-time PCR (GeneXpert) Reported: g of toxin B, binary toxin my, gene mutation 027/NAP1/B1 EPIDEMIOLOGIC strain
LBE00668	CMP METABOLIC PANEL (COMPREHENSIVE METABOLIC PANEL)	8 hours fast	URG- Urgent tests	1 hour	Includes: Serum glucose, serum urea nitrogen (BUN), serum creatinine, bilirubin total and fractionated, aspartate amino transferase (TGO), alanine amino transferase (TGP), alkaline phosphatase (ALP), total and fractional proteins, serum sodium, serum potassium, serum chloride, serum CO ₂ , and serum calcium.
LBE00629	CMV VIRAL LOAD REAL TIME PCR / LAB REFERENCE	None.	ESP–Special Tests	Tuesday afternoon. However, depending on the urgency it is processed as soon as possible.	Analytical detection limit: 76.4 copias/mL
LBE00020	CO2	None	URG–Urgent Test	1 hour	(21-28) mmol/L
LBE00548	COBRE EN ORINA (Urine Copper)	Ask for instructions in the Lab to collect 24 hour Urine	REF–Tests to be sent to Labs of Reference	2 working days	(15-60) ug/mL
LBE00335	COBRE SERICO (COPPER SERUM)	None	REF–Tests to be sent to Labs of Reference	2 working days.	(0,7-1,5) ug/mL
LBE00057	COCAINA EN ORINA (Cocaine in Urine)	Sample processed using chain of custody	RUT–Routine Test	2 hours	Positive > 300 ng/mL
LBE00007	COLESTEROL (Cholesterol)	12 Hour fast	URG–Urgent Test	1 hour	<200 mg/dL reportable range: (50-325) mg/dL.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00008	COLESTEROL HDL (Cholesterol HDL)	12 hour fast	URG–Urgent Test	1 hour	(35-70) mg/dL reportable range: (5,0–110) mg/dL
LBE00045	COLINESTERASA (CHOLINESTERASE)	None	REF–Tests to be sent to Labs of Reference	3 working days.	(2000-9000) UI/L
LBE00093	COMPLEMENTO C3 (C3 Complement)	Preferably 12 hour fast or light breakfast. Serum	RUT–Routine Test		(0,9-2,1) g/L
LBE00094	COMPLEMENTO C4 (C4 Complement)	Preferably 12 hour fast or light breakfast. Serum, red tube No hemolysis or lipemic	RUT–Routine Test		
LBE00692	COMPLETE MALE PROFILE CHECK UP I	12 hour FAST Blood and urine sample collected with technique first thing in the morning would be ideal. It is a very complete study, especially made for adult man covering most of the examinations of a complete blood test	rut-routine test	Results in about 4-5hrs, excluding glycosylated hemoglobin (at 12 md or until 7:00 pm)	Includes: CBC, Urinalysis, serum glucose, blood urea nitrogen (BUN), serum creatinine, serum uric acid, Lipid Profile, Total and fractionated bilirubin, aspartate amino transferase As (SGOT), alanine amino transferase (TGP), Gamma glutamyl transpeptidase (GGT), alkaline phosphatase (ALP), total and fractionated Proteins, serum iron, calcium serum, serum phosphorus, serum sodium, serum potassium, hemoglobin A1c, Prostate specific antigen (PSA), Total testosterone, and thyroid stimulating (TSH) Hormone.
LBE00706	COMPLETE MALE PROFILE CHECK UP II	12 hour FAST Blood and urine sample collected with technique first thing in the morning would be ideal. It is a very complete study, especially made for adult man covering most of the examinations of a complete blood test	rut-routine test	Results in 4-5 hours approximately	Includes: CBC, Urinalysis, serum glucose, blood urea nitrogen (BUN), serum creatinine, serum uric acid, Lipid Profile, Gamma glutamyl transpeptidase (GGT), prostate-specific antigen (PSA), and thyroid stimulating hormone (TSH).
LBE00187	COMPLETE PEDIATRIC PROFILE III	Requires having no previous intake of antihistamines. Sample of blood, urine, feces is required, and A complete listing of tests where we know the state of the child together with the medical valuation	Rut- routine tests	Outcome during the afternoon or 6 hours approximately.	Includes: Complete blood count, urinalysis, stool parasites in 3 samples, and Rh blood test and complete pediatric allergies.
LBE00150	COMPLETE STUDY OF INFECTIOUS AGENTS FO WOMEN II	For this test different types of _ samples are analyzed. Some samples can be collected by laboratory staff, some by the person concerned _ _ when requesting the test _ (as it would the case of urine to rule out sexually transmitted infections_ and others require medical personnel (eg gynecologists_ . Consult with the referring physician or laboratory for specific cases. * HPV: sampling only performed by gynecologists for women. ** The herpes by PCR only if the lesions are visible. Otherwise it is indicated that it be done by serology for herpes 1 and 2 (IgG and IgM_	ESP -Special tests	Hepatitis, HIV and VDRL 3 hours. The rest until Thursday afternoon (applies to sample members before Thursday_.	Include Trichomonas vaginalis, Mycoplasma hominis, Mycoplasma genitalium, Chlamydia trachomatis, Neisseria gonorrhoeae, Ureaplasma urealyticum, Ureaplasma parvum, HPV-Human Papillomavirus high and low risk, VDRL (Syphilis_ , Hepatitis B (HBs Ag), HIV (antibodies and antigen in the blood), Herpes simplex 1 virus (IgG and IgM_ and Herpes simplex 2 virus (IgG and IgM_.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00701	CONTINUOUS GLUCOSE MONITORING STUDY	The study has to be scheduled by appointment to start Monday, Tuesday or Friday. The study takes 72 hours and have to re-take the system and the report is given until the next day.	ESP–Special tests	3 days from the study and one day for the report	
LBE00694	CONTROL ANUAL GINECOLOGICO (annual gynecologic exam)	12 hour fasts for blood tests. **Requires blood sample and urine collected with technique, ideally the first of the morning. In addition it is required that Gynecology take samples for the study of human papilloma virus (HPV) and Pap (2 bottles).	RUT–Routine Test	The routine tests in approx 4 hours. Thursday Afternoon HPV and Pap.	Includes: Complete blood count, lipid profile, thyroid stimulating hormone (TSH), CA-125, urinalysis, Papanicolaou (monolayer), and HPV-Human Papillomavirus
LBE00135	CORTISOL SERUM	Preparation: Not applicable	REF–Exam to be sent to reference laboratories	DELIVERED IN 2 WORKING DAYS	
LBE00136	COXIELLA BURNETII DNA, QUALITATIVE REAL-TIMEPCR	For some types of sample respiratory therapy staff is required for proper collection.	REF -Exams to be sent to reference laboratories	Ref USA, 5-7 working days	Detection of Coxiella burnetii (intracellular bacterium that causes Q fever). Quest Code: 16596X
LBE00067	CREATININE	No special patient preparation is required.	URG–Considered urgent	1 hour	M: (0,8-1,5) mg/dL F: (0,7-1,2) mg/dL reportable Range: (0,05-14,00) mg/dL
LBE00190	CREATINURIA (CREATININE IS REPORTED IN URINE)	Preparation: the lab will deliver sheet with instructions and container to collect urine for 24 hours.	RUT–Routine Exam	Every day, handing over the sample the same day when the sample is taken over the course of the morning (before 9:00 am) and is delivered in the afternoon. If another sample is taken in a different shift the result is given in 6 hours.	(800–2800) mg/dL reportable range: (1,05–346,5) mg/dL then multiply by dilution.
LBE00642	CRYOAGGLUTININS	Preparation : Does not apply	RUT -Routine exam	6 Hours	
LBE00568	CULTURE FOR BK	Preparation: preferably the first morning phlegm Pass through lab reception for instruction sheet	RUT–Routine exam	Minimun a month	Identification
LBE00566	CULTURE FOR FUNGUS	Preparation: Depends on type of sample	RUT–Routine exam	Up to a month	Identification and Susceptibility Test (separate charge)
LBE00046	CYSTIC FIBROSIS, COMPLETE ANALYSIS OF MUTATION, GENE SEQUENCING	None	REF -Exams to be sent to reference labs	Referred USA, results in 12 weeks	This test is only provided as a measure of tracking individuals for only: 1) identify the familial mutation in patients with CF required (for example, parents of an affected child-CF, who test negative the screening test for 25 mutations recommended by American College of Medical Genetics (ACMG) for CF carrier screening based on population 2) mutations identify the mutation (s) causing the disease in individuals carrying a clinical diagnosis of CF with results of the chloride test in sweat that are positive or equivocal . This test is not going to be offered as evidence of CF carrier screening in the general population.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00087	CYSTICERCUS SEROLOGY	None	REF-Exams to be sent to reference labs	REF USA, 8 days	Cysticercosis is caused by infection with the larval form (cysticercus) of the pork tapeworm <i>Taenia solium</i> . The clinical manifestations of cysticercosis are the result of the presence of cysticerci in brain tissues and nervous system. Common symptoms of neurocysticercosis are seizures. Antibodies of other parasitic infections, particularly echinococcosis, can give cross reaction with cysticercus. This ELISA (IgG) Quest Code 96008P
LBE00003	D.H.L.	None	URG-Urgent test	1 hour	(313-618) U/L reportable range: (100-2150) U/L
LBE00001	DETECTION OF PREMATURE RUPTURE AMNIOTIC LIQUID MEMBRANE	The sample of amniotic fluid leaking from ruptured membranes has to be less than 12 hours old. It can be used after 6 hours without using vaginal medications or solutions. DELIVER THE SWAB TO THE DOCTOR __ IN THE ANMISURE ENVELOPE (do not deliver the diagnostic test or the whole envelope)	URG2-Urgent exam with manual test	1:30 hr	Detects PAMG-1 protein in the amniotic fluid to determine premature fetal membrane rupture
LBE00738	DETERMINATION OF HIV VIRAL LOAD	Requires no preparation. If the test is not referred by another lab, the charge is according to code LBE00628.	ESP-Special tests	Tuesday afternoon.	The detection limit of the test is 34.4 copies / mL.
LBE00002	DHEA	None	RUT-Routine Exam	Routine examination test that is performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am) and is delivered in the afternoon hours, if the sample is taken on another shift the result is given in 6 hours.	M: <4,0 ug/mL F: Premenop: (0,8-3,4) ug/mL Postmenop: (0,3-2,6) Terminal Pregnancy: (0,2-1,2) ug/mL.
LBE00039	DIGOXIN	It is advisable to extract the sample before the patient takes the medication	REF -Exams to be sent to reference labs	REF, 2 working days	Therapeutic Range: De (0,8 a 2,0) ng/mL
LBE00688	DIHYDROTESTOSTERONE	None. There is free dihydrotestosterone, so it requires asking the patient which, if the free fraction or total.	REF -Exams to be sent to reference labs	Ref USA, 8 working days.	DHT is a potent androgen derived from testosterone through the activity of 5-alpha-reductase. Deficiency of 5-alpha-reductase results in males that are not completely virilized (not completely virilized phenotypically female). This diagnosis is accompanied by a high ratio of testosterone / DHT. Quest Code: 90567



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00198	DIMERO D	N/A	URG-Urgent test	Results in 2 hours	Reference value: <0.5 ug/ml
LBE00006	DIRECT HERPES	YOU MUST TELL THE PATIENT TO DO A HERPES SEROLOGY TEST	RUT -Routine exam	4 hours	Tzanck cells search
LBE00700	ECSTASY METABOLITES	ECSTASY METABOLITES INCLUDED IN THE METH-AMPHETAMINES OF THE TOXIN TEST FROM URINE	RUT-Rutine check up	2:00h	
LBE00068	EHRlichIA CHAFFEENSIS DNA, PCR REAL TIME	Requires no preparation.	REF-Exams to be sent to reference labs	Ref USA, 7 working days	Quest Code:11353
LBE00060	EHRlichIA IGG	None	REF-Exams to be sent to refence labs	Ref USA, 5-7 working days.	Analysis included: Ehrlichia IgG, IgM Ehrlichia. The Human Monocytic Ehrlichiosis is a tick-borne infection caused by Ehrlichia chaffeensis. Infections may present asymptomatic, symptomatic, or even a severe in immunocompromised patient.
LBE00627	EHRlichIA IGM	none	REF-Exams to be sent to refence labs	Ref USA, 5-7 working days.	Analysis included: Ehrlichia IgG, IgM Ehrlichia. The Human Monocytic Ehrlichiosis is a tick-borne infection caused by Ehrlichia chaffeensis. Infections may present asymptomatic, symptomatic, or even a severe in immunocompromised patient.
LBE00345	ELECTROPHORESIS OF ALKALINE PHOSPHATASE	None	REF -Exams to be sent to reference labs	2-3 Working days	
LBE00536	ELECTROPHORESIS OF LIPOPROTEIN	Preparation: 12 hours fasting	REF-Exams to be sent to reference labs	2 Working days	
LBE00223	EOSINOPHILS IN NASAL MUCUS	Preparation : Does Not Apply Results: In 2 hours	RUT-Routine exam		
LBE00016	EOSINOPHILS IN THE STOOL	Fresh stool sample	URG2 -Urgent tests with manual proof	2 hr	
LBE00592	EPSTEIN BARR CAPSID IGG	None	RUT-Routine Exam	Results in 3 hours	Negative
LBE00625	EPSTEIN BARR capsid IGM	None	RUT-Routine Exam	Results in 3 hours	Negative
LBE00132	ERITROSEDIMENTATION	Preparation : Does not apply Results : In 3 hours	RUT-Routine exam		Reference values: Men (0-15) mm / hour Women: (0-20) mm / hour Children: (0-15) mm / h.
LBE00547	ERYTHROPOIETIN, BLOOD	Because of variations in levels it is recommended to take sample between 7:30 am and noon.	REF-Exams to be sent to reference labs	USA, 7-10 working days.	Quest Code: 427



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00517	ESCLEROSIS MULTIPLE PANEL	When Cerebrospinal Fluid is required (CSF)_ as part of the samples it must be collected by trained medical personnel.	REF-Exams to be sent to reference labs	USA, 12-15 working days	Includes: IgG synthesis rate (CSF)_ , Myelin basic protein and oligoclonal bands (IgG_ (CSF)_ Quest Code: 41343N
LBE00516	ESPERMOGRAM	Preparation: Sample semen (sperm sample should be no more than one hour old) The person must have had at least 4 days of sexual abstinence Container is delivered to the laboratory. Collect sample in the morning . Clean hands and genitals. Result: the day after at 5p.m.	RUT-Routine Exam	Results: same day after 5p.m.	
LBE00666	ESTRADIOL	None	RUT-Routine Exam	6 hr	
LBE00632	EVEROLIMUS, BLOOD	Drug regimen has to be noted, specifically the time and date of administration of the same. Blood sample should be collected before the dose applied in the morning, so the person applying should present themselves on the day the drug is due .	REF-Exams to be sent to reference labs	REF USA, 7 working days	Therapeutic range only applies if the sample was collected before the dose applied in the morning (am_ Quest Code: 18883
LBE00624	F.T.A.- A.B.S.	None	RUT-Routine exam	Results offered on the afternoon of the same day.If patient come in the afternoon, then within 6 hours.	Detects anti Treponema pallidum Total antibodies
LBE00368	FATS IN THE STOOL	Fresh sample of less than 4 hours (If it will take longer to send to the laboratory preferably keep refrigerated_ IMP: infants or children using diapers it is necessary to collect a sample in the morning with clean genitals without any cream or powder.	URG2-Urgent exam with manual proof	1:30 hr	
LBE00479	FERRITIN	Best with 12 hours of fasting	RUT-Routine exam	Offered for the next day(the same for all week)	M: (28-397) ng/mL F: (6-159) ng/mL
LBE00501	FIBRINOGEN		RUT-Routine exam	Results 3 hours	Reference value: 200-400 mg / dl
LBE00127	FREE-ESTRIOL	None	REF-Exams to be sent to reference labs	Results in 5 working days	
LBE00017	FREE T3	None	RUT-Routine exam	2 to 3 hours	(1,45-3,48) pg/mL
LBE00402	FREE T4	None	RUT-Routine exam	2 to 3 hours	(0,71 a 1,85) ng/dL
LBE00349	FREE TESTOSTERONE	None	REF -Exams to be sent to reference labs	Results in 3 working days	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00134	Free-HCG-	It must be accompanied by information such as demographic data and ultrasonographic values such as the skull the nuchal caudal axis translucency (NT). Can only do the report with an ultrasound between 11 and 13 weeks + 6 days	ESP-Special exams	2 working days	If used for the diagnosis of trisomies in pregnancy.
LBE00173	FSH	None	RUT -Routine exam	6 hr	
LBE00065	FULL PANEL of Celiac Disease II	Patient does not have to be in fasting, it should normally consume their diet for the analysis. This profile includes a comprehensive analysis for the diagnosis of celiac disease	ESP- Special tests	8 days	Includes: typing of HLA-DQ2 and HLA-DQ8, antibodies IgG, Anti-bodies anti-Transglutamines anti-Transglutamines antibodies, IgM anti-gliadin (Gluten) and antibodies anti-domicio.
LBE00707	FULL PROFILE OF SEXUALLY TRANSMITTED INFECTION III (ETS)	Detailed panel detect common pathogens causing sexually transmitted infections (STIs). ** If the patient has an injury, the sample is taken from that site (especially for suspected Herpes Simplex, in which case there will be no serology detection of herpes virus by molecular biology techniques). Depending on the case, the sample must be taken by a gynecologist for women. Blood sample is required as well.	ESP- Special tests	Results delivered on monday in the afternoon	Molecular biology: Trichomonas vaginalis, Mycoplasma hominis, Mycoplasma genitalium, Chlamydia trachomatis, Neisseria gonorrhoeae, Ureaplasma parvum, and Ureaplasma urealyticum. Blood analysis: VDRL (Syphilis), Hepatitis B Ag (HBs Ag), Hepatitis C (HCVAc), HIV (antibody and antigen in the blood), Herpes Simplex Virus (IgG and IgM antibodies).
LBE00379	FUNGUS SMEAR	Preparation: It depends on the type of sample, usually a scraping. If the sample is a finger or toe nail must before is 24 hours old and if there is a fungus it should clarify this in the KOH.	RUT-Routine exam	From 2 to 24 hrs.	Use of KOH
LBE00174	GALACTOMANNAN , ANTIGEN FOR ASPERGILLUS	Due to the low stability of the sample (5 days), should be performed only sampling Monday, Tuesday and Wednesday (Thursday just before 8:00 am). Patient requires no prepping.	REF-Exams to be sent to reference labs	12 working days	The Aspergillus galactomannan antigen was detected, the importance of which is to help in the early diagnosis of invasive pulmonary aspergillosis along with clinical, cultivation and molecular techniques.
LBE00175	GAMA GLUTAMYL TRANSPEPTIDASE	None	URG -Urgent test	1 hour	M: (15-73) U/L F: (12-43) U/L reportable range: (5 – 1400) mg/dL
LBE00147	GASTRIN	Fasting is required from the day before, preferably 12 hours more	REF-Exams to be sent to reference labs	REFERRED to USA, RESULTS IN 8 DAYS	Gastrin is a gastrointestinal hormone which stimulates the release of gastric acid, pepsin, intrinsic factor. Gastrin concentrations increase with pernicious anemia and increase dramatically with Zollinger-Ellison syndrome.
LBE00667	GASTRO SCREEN	None This profile includes lab tests associated with autoimmune disorders of the digestive system.	ESP-Special tests	Monday to Friday. Sample should be taken before 8 am to get this result the same day, otherwise it will be for the next day	The panel includes the detection of IgG and IgA antibodies: Anti-Intrinsic Factor, Anti-Parietal Cells, Anti-tissue transglutaminase, anti-Saccharomyces cerevisiae (ASCA), Anti-gliadin.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00696	gGENERAL CHECK UP PROFILE	12 hour fast It requires sample of blood and urine collected with technique, ideally the first morning	Rut- Rutine test	Delievery in 2 hours	Includes: Complete blood count, urinalysis, serum glucose, urea nitrogen seric (BUN), serum creatinine, serum uric acid, complete lipid profile, and gamma glutamyl transpeptidase (GGT).
LBE00712	GENERAL PEDIATRIC PROFILE I	8-hour fast. Sample of blood, urine, feces is required, and. A profile of general exams for the child to help the physician to assess the condition of anemia, possible infections, platelets, renal function in the general urine and if you have parasites in feces.	Rut- routine tests	Results in 2 hours	Includes: Complete blood count, urinalysis, blood glucose, and Rh-san banana, and parasites in stool
LBE00710	GENERAL PEDIATRIC PROFILE II	Requires no consumption of antihistamines. Sample of blood, urine, feces is required, and A profile of general exams for the child to help the physician to assess the condition of anemia, possible infections, platelets, renal function in the general urine and if you have parasites, plus if you are allergic to substances or more common foods.	URG- Urgent test	IN the afternoon, 6 hours approximately	Includes: Complete blood count, urinalysis, pediatric allergy test, and fecal parasites.
LBE00718	GENERAL RHEUMATIC PROFILE I	recommended fasting These lab work to help the doctor diagnose or monitor autoimmune and rheumatologic disorders such as arthritis, lupus erythematosus, the collagen diseases, among others.	ESP- Special tests	results delieved on Tuesdays and Thrusdays	Includes: Complete blood count, rheumatoid factor (RF), Protein "C" reactive, TSH, erythrocyte sedimentation rate, anti-nuclear antibodies (ANA), and anti-CCP
LBE00438	General Urine	Preparation: None applied	URG- Urgent test	1 hr	
LBE00332	GLUCOSE 6-phosphate dehydrogenase (G6PD_	None	REF-Exams to be sent to reference labs	REF USA results in 8 to 10 days	Clinical Significance G-6-PD is The most common enzyme deficiency in the world. Newborns with G-6-PD Prolonged and May have more pronounced neonatal jaundice than other newborns. older Individuals are subject to hemolytic anemia and can be induced by That some foods, drugs, and infections
LBE00567	GLUCOSE TOLERANCE CURVE ADULT (6 sample takes)	Preparation: 8 hours fasting	RUT -Routine exam	3hours after the last sample take	
LBE00215	GLUCOSE TOLERANCE CURVE ADULT (FASTING AND 2 HOURS)	Preparation: 8 hours fasting 75 GRAM Load	RUT-Routine exam	3 hours after last sample take	3 BLOOD SAMPLES: First taken after fasting 8 hours Second sample take an hour after the of 75 gram load Third sample take two hours after 75 gram load.
LBE00069	GLUCOSE TOLERANCE CURVE FOR PREGNANCY 2 HRS (WHILE FASTING 2 TAKES)	Preparation: 8 hours fasting 75 GRAM LOAD	RUT-Routine exam	3 hours after last sample take	3 SAMPLE TAKES: First after 8 hours fasting Second is one hour after 75 gram load Third is two hours after 75 gram load.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00071	GLUCOSE TOLERANCE CURVE PREGNANCY 3 HRS (FASTING AND 3 TAKES)	Preparation : 8 hours fasting 100 GRAM LOAD	RUT–Routine Exam	3 hours after last sample taken	4 SAMPLE TAKES: First take after 8 hours fasting Second take one hour after 100 gram load Third take is two hours after 100 gram load Fourth take is three hours after 100 gram load
LBE00004	GLUCOSURIA	Realizar con la tira de orina	RUT–Examen de Rutina	1:30 h	
LBE00005	GLUTAMIC ACID DECARBOXYLASE-65 ANTIBODIES	None	REF–Exams to be sent to reference labs	REFERED USA, Results in 8–10 days	Decarboxylase (GAD65) Antibody glutamic acid is useful diagnosing insulin dependent diabetes mellitus (IDDM, Type I diabetes, to assess the risk for developing IDDM, to predict the onset of IDDM, the risk of development of related endocrine disorders such as thyroiditis. Before clinical onset diabetes, Type I is characterized by lymphocytic infiltration of the islet cells, by circulating autoantibodies to a variety of antigens of islet cells, including GAD-65, IA-2 (tyrosine phosphatase-like protein), and insulin (IAA).
LBE00546	GLYCEMIA	Fasting: 8 hours of fasting Random: at any time does not require special preparation. * Can be any of the two forms, it depends on what was asked for by the doctor. Important to ask the patient to write down on the report if he is not fasting.	URG -Urgent test	1 hour	
LBE00539	GLYCEMIA 2 HS PP	Preparation: Sample should be taken 2 hours after either breakfast or lunch	URG–Urgent test	1 hour	(70-140) mg/dL.
LBE00541	GLYCEMIA POST LOAD	Preparation: Fasting 8 hours (It is a screening test so the doctor can tell the patient that fasting is not necessary for being pregnant) 50 GRAM LOAD	RUT–Routine exam	3 hours after last dose	2 BLOOD SAMPLES: First taken after fasting 8 hours Second sample taken an hour after the 50 gram load
LBE00171	GLYCOSYLATED HEMOGLOBIN	None, does not need fasting	RUT -Routine exam	are held twice a day at 10 am and 6 pm. Results two hours after every hour of racing.	Nondiabetic <6.0% Diabetics 6-8% decompensated > 8%



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00531	GRAVIS Myasthenia PANEL 3	none	REF–Test to send to the reference laboratory	Ref. USA 8 delivery days	<p>difference:-acetylcholine receptor blocking antibody-acetylcholine receptor blocking antibody-acetylcholine receptor Modulating antibodies–antibodies anti striated muscle.Myasthenia gravis is a neurological disorder characterized by a decrease in the acetylcholine receptors.</p> <p>Patients exhibiting a skeletal muscle weakness/ fatigue. approximately 80% of patients with myasthenia gravis, excluding only participation, ocular have detectable antibody acetylcholine receptors. There is a strong correlation between the presence of antibodies against the striated muscle and the presence of a thymoma.</p>
LBE00203	GROUP AND RHO (D_	Preparation : Does not apply	RUT–routine Exam	One hour, if needed faster indicate so at the reception	
LBE00591	GROWTH HORMONE	At REST at least 30 min. Fasting avoid stress before the test.	RUT -Routine exam	6 hr	Children:<20 ng/mL M: < 5,0 ng/mL F: < 10 ng/mL
LBE00721	GYNOCOLOGICAL HORMONE PROFILE I	no fasting required	Rut- routine tests	In approx. 4 hours except free testosterone (Tuesday or Thursday delivery after 5 pm; if the sample is taken on these days it must be before 8 am)	Includes: follicle stimulating hormone (FSH), luteinizing hormone (LH), prolactin, progesterone, estradiol (E2), total testosterone, and free testosterone.
LBE00697	GYNOCOLOGICAL HORMONE PROFILE II	no fasting required	Rut- routine tests	In approximately 4 hours	Includes: follicle stimulating hormone (FSH), estradiol (E2), luteinizing hormone (LH), and progesterone.
LBE00723	Gynecological Profile III	No fast required	Rut-routine test	Approx. 4 hours except free testosterone (Tuesday or Thursday delivery after 5 pm, if the sample is taken these days must be before 8 am)	Includes: luteinizing hormone (LH), estradiol (E2), follicle stimulating hormone (FSH), testosterone total and free testosterone
LBE00351	H ELICOBACTER IN THE STOOL	Fresh sample of less than 4 hours (If it will take longer to send to the laboratory preferably keep refrigerated_ IMP: infants or children using diapers it is necessary to collect a sample in the morning with clean genitals without any cream or powder.	URG2 -Urgent tests with manual proof	1:30 hr	
LBE00637	HAPTOGLOBINA	12 hours fasting	REF -Exams to be sent to reference labs	Ref USA, 4-6 working days	
LBE00151	HBE	Preparation : does not apply Results: In 10 working days	REF -Exams to be sent to reference labs	REF 2 days	Negative
LBE00167	HBSAG	None	RUT -Routine exam	6 hr	Negative
LBE00116	HCV (HEPATITIS C)	None	RUT- Routine exam	Results in 4 hours	Esta prueba detecta anticuerpos IgG anti-Hepatitis C



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00490	HEMOGLOBIN AND HEMATOCRITE	N/A	URG-Urgent test	Results in 2 hours	Reference Ranges hemoglobin: Male. Adults (41 to 53.7_% Older Women and children 6-14 years (35-46_% Children 0 to 5 years: (31-35_% hematocrit: Newborns: (45-57_% Male. Adults: (13.5 to 18.1) g / dL Older Women and children 6 to 14 years (11,5-15,5) g / dL Children 0-5 years: (11.0-14.0) g / dl Newborns: (15.5 to 21.6) g / dL
LBE00598	HEMOGLOBIN ELECTROPHORESIS	None	ESP-Special tests	Done on tuesdays and thursdays.	
LBE00384	HEMOSIDERIM	Best with the first urine of the morning	REF -Exams to be sent to reference labs	REF, USA 10 working days.	Quest Code: 46441P
LBE00699	Hepatic Profile	No fast required	URG- Urgent test	Delivery in 1 and a half hours maximum	LIVER PROFILE INCLUDES: Bilirubin (total and fractionated) transaminases (AST and ALT) GGT (gamma-glutamyl amino transferase) ALKALINE PHOSPHATASE (ALK)
LBE00031	HEPATITIS C GENOTYPE	None	REF -Exams to be sent to reference labs	Ref USA results in 8 to 10 days	
LBE00162	Hereditary angioedema PANEL	8-10 hours fast	REF-Test to send to the reference laboratory	Ref-USA 10 days	It is a comprehensive panel that includes: C4 complement, the C1-Inhibitor esterase and C1 (function) inhibitor. Hereditary angioedema is associated with low levels of the C1 Inhibitor estersa (protein < 6 mg/dL) and a low functional activity ;(<40%). Acquired angioedema occurs with low levels of C1 complement and the C1 Inhibitor, along with the appearance of lymphomas and carcinomas. Code Quest: 17706 X
LBE00118	HERPES I AND II (IgG and IgM antibodies_.	None	ESP-Special tests	Mondays and Thursdays. Results are delivered in the afternoon after 2pm. If you Arrive on the same day, it must be before 8am to get the results the same day, otherwise it will be the following day	profile includes the following antibodies: Herpes I IgG Herpes I IgM Herpes II IgG Herpes II IgM
LBE00117	HERPES VIRUS DETECCION BY PCR	None	ESP -Special tests	Monday Afternoons	This panel ditinguishes the following viruses: Herpes Simplex Virus 1 and Herpes Simplex 2
LBE00733	HLA B27	No preparation	ESP -Special tests	Results on Friday afternoon	PCR with reverse hypbridization



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00052	HLA COMPATIBILITY STUDY FOR TRANSPLANT	SAMPLE MUST BE TAKEN FROM DONOR IN SPECIAL GLASS CONTAINERS SUPPLIED BY THE LAB OF REFERENCE (TUBES WITH BROKEN GLASS INSIDE) SPEAK FIRST TO THE MICROBIOLOGIST IN CHARGE OF SAMPLE TRANSPORTATION DR: MONTERO CHARGES \$500 FOR EVERY PERSON IN THE STUDY	REF--Samples to be sent to refence labs	COMPATIBILITY RESULTS IN 5 DAYS	
LBE00510	HLA TYPING CELIAC DISEASE	No preparation required	ESP--Special tests	Wednesday afternoons	Haplotypes detected: HLA DQ2 HLA-DQ8 ** If requested by a reference laboratory the code is LBE00689 code.
LBE00125	HLA TYPING celiac disease / REFERENCE LABORATORY	No prep required	ESP -Special tests	Wednesday afternoon.	Haplotypes detected: HLA DQ2 HLA-DQ8
LBE00628	HLA-B51 DNA TIPEO	None	REF -Exams to be sent to reference labs	Shipping USA, resultes in 10 to 12 days	Behcet's disease (BD) is a chronic inflammatory disease characterized by oral aphthous ulcers, genital ulcers, skin lesions. Between 50 and 80% for BD patients are HLA-B51 positive. The frequency of HLA-B51 in the general U.S. population is 7%.
LBE00225	HTLV I / II DNA QUALITATIVE REAL-TIME PCR	No prep required	REF--Exams to be sent to reference labs	USA, from 5-7 working days	Quest Code: 34177X
LBE00739	HTLV I Y II	none	ESP--Special tests	Friday Afternoon	Negative
LBE00207	IGA QUANTIFICATION	Best with 12 hour fasting or light breakfast.	RUT -Routine exam	Results in 2 hours	(0,7-4,0) g/L
LBE00355	IGE Quantification	Best with 12 hours fasting or light breakfast	RUT--Routine exam	RUTResults in the afternoon after 5pm	See report
LBE00466	IGG 4	8-10 hour fasting	REF -Exams to be sent to reference labs	Ref USA, 7-10 days	Quest Code: 24695P
LBE00639	IGG QUANTIFICATION	Best with 12 hours fasting or light breakfast	RUT--Routine exam	Results in 2 hours	(7-15) g/L
LBE00181	IGM QUANTIFICATION	Best with 12 hours fasting or light breakfast	RUT -Routine exam	results in 2 hours	(0,4-2,3) g/L
LBE00085	IMMUNOTYPING OF IMMUNOGLOBULINS (immunofixation)	12-hour fast. Avoid lipemic turbidity	ESP--Special tests	Done on tuesdays and thursdays.	Screening Medical Interpretation gamapatias the IGSM, G, A, Kappa Lamda
LBE00564	INFLUENZA A H1N1 STRAIN BY PCR	Sample: nasal swab; oropharyngeal washing can also be used	URG -Urgent test	2 hour results	Allows detection of: Influenza A, influenza B, and H1N1 strain.
LBE00182	INSULIN	None	RUT--Routine exam	6 hr	Fasting: (6-270) uIU / mL
LBE00509	INSULIN GROWTH FACTOR IGF-1	None	REF -Exams to be sent to reference labs	5 working days	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00729	INTERLEUKIN 28B	Do not eat immediately before taking samples. If the patient has recently eaten, rinse your mouth with water.	REF-Exams to be sent to reference labs	REF, USA results 10 to 12 days	Knowledge of host genotype _ patients infected with HCV assist in the clinical decision to initiate treatment with PegIFN RBV (a 48-week course of interferon and ribavirin, which has limited effectiveness and is often poorly tolerated due to side effects that prevent patients finishing treatment).
LBE00633	INTRINSIC FACTOR ANTIBODIES	Offer Gastro screen LBE00539 Sino REF, USA 8-10 Days	REF-Exams to be sent to refence labs	Offer Gastro screen LBE00539 Otherwise send to REF, USA 8 a 10 Dias	
LBE00600	ISOENZIMAS DE DHL	Ninguno	REF-Exámenes para enviar a laboratorios de referencia	REF, 6 días hábiles	
LBE00674	JOINT FLUID	Preparation : Sample drawn by doctor	RUT -Routine exam	Up to 5 days	Joint fluid or synovial Includes: cellularity, Biochemistry (Glucose, Total Protein, pH), and Gram and Bacterial cultures
LBE00470	KAPPA / LAMBDA LIGHTWEIGHT TRACK, FREE AND RELATIONSHIP	None	REF -Exams to be sent to reference labs	Ref USA, 10 working days	<p>Interpretation : serum , the rate of the kappa / lambda chain is 2:1 , while the ratio of free chains is 1:1.5 , due to the occurrence of dimer serum half-life which is three times longer than the monomers . An excess production of kappa and lambda chains alters the kappa / lambda ratio . Alterations that lead to that reason out of the normal range , are attributed to the presence of monoclonal light chains. These are found in the serum of patients with Multiple Myeloma, variant light chains of MM , Waldenstrom 's macroglobulinemia , the heavy chain disease, primary amyloidosis, deposition disease light chains, monoclonal gamapatías of undetermined significance , and lymphoproliferative diseases.</p> <p>The measurement of free light chains in serum concentration is useful for diagnosis , prognosis, monitoring of the activity of Crohn's Disease , and monitoring treatment response in these mentioned disorders.</p> <p>Chronic infections and chronic inflammatory enf and renal failure may be accompanied by a diffuse increase in both free light chains , but in these cases, the kappa / lambda ratio remains normal.</p> <p>The concentration of light chains increases with age from 60. You can reach concentrations of 50mg / L in 70-80 years. However, the reason for continuing the normal limits.</p> <p>If desired, you can also request immunofixation to identify monoclonal light chain bands in the absence of abnormalities in the concentration of kappa and lambda chains.</p> <p>Quest Code: 11234X</p>
LBE00596	LACTATE	None	URG-Urgent test	1 hour	(6,3-18,9) mg/dL



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00054	LCR	Drawn by doctor	URG2 -Urgent tests with manual proof	1 hour and the culture may take up to 5 days	Includes: cellularity, Biochemistry (Glucose, Total Proteins, Globulins, pH), VDRL, Indian ink, Gram and cultures of bacteria
LBE00576	LEAD	none	REF- to send to reference lab	REF, 3 days	< 10 ug/dL critical: > 80 ug/dL
LBE00055	LEPTOSPIRA IGG / IGM	None	URG -Urgent test	1 hour	negative
LBE00056	LEUCOGRAM	N/A	URG-Urgent test	Results in 2 hrs	Reference values: Leukocytes: Male Adults: (5000-10200) / mm ³ Older Women and children 6 to 14 years (4200-10000) / mm ³ Children 0-5 years: (5000-14000) / mm ³ newborns: (15000-25000) / mm ³
LBE00051	LEVEL OF GENTAMICIN	It is best to draw the sample before patient takes medication	REF -Exams to be sent to reference labs	2 working days	Therapéutico range: De (5 a 10) ug/mL
LBE00465	LH	None	RUT -Routine exam	6 hr	
LBE00053	LIPASE	None	URG -Urgent test	1 hour	(23-300) U/L Reportable range: (10-2000) U/L
LBE00698	LIPID PROFILE	12 hour fast	Rut- routine tests	Delivery 2 hours	includes: Total cholesterol HDL cholesterol Triglycerides LDL cholesterol VLDL cholesterol hdl ratio / colester
LBE00120	LITHIUM	Preferably perform bleeding 12 hours after the treatment dose	REF -Exams to be sent to reference labs	2 working days	Therapeutic: (0.6-1.2) mmol / L Toxic:> 1.5 mmol / L Toxic severe:> 2.5 mmol / L reportable range (0.2 to 4.00) mmol / L
LBE00169	LYME DISEASE IN REAL TIME PCR	None. Besides blood, it can be carried out in the CSF joint fluid, urine and the tick.	REF-Exams to be sent to reference labs		The diagnosis of Lyme disease is most often performed in combination with evidence of tick bite or exposure in endemic areas . Amplification of Borrelia genomic DNA from blood, fluids or tissues can support the diagnosis.
LBE00178	MAGNESIUM	No special patient preparation is required. Urine can be up to 24 hrs old No use of preservatives	URG -Urgent test	1 hour	Serum (1.6-2.3) mg / dL Urine: (73-122) mg/24 hrs. Reportable Range: Serum (0.20 to 10.00) mg / dL Urine (1.2 to 60.0) / dL
LBE00702	MALARIA STUDY (PLASMODIUM)	Best to take sample at highest febrile peak.	URG2-Urgent exam with manual proof	2:00 h	
LBE00573	MARIHUANA IN URINE	None Sample is processed with custody proceedings if required.	RUT -Routine exam	6 hr	Positive > 50 ng / mL



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00030	MEASLES, IGM	none	REF -Exams to be sent to reference labs	Ref USA, 7 working days.	The Measles causes fever, irritation and respiratory disease, and is associated with a characteristic rash An increase in IgG titer is four dilutions (at different stages of Alzheimer's Disease) is consistent with a recent infection. The IgM may produce false positives and low levels can remain for more than 12 months. Quest Code: 34256
LBE00019	MENINGITIS BACTERIA DETECTION IN CEREBROSPINAL LIQUID BY PCR	None, however the sample is collected only by trained medical personnel.	URG -Urgent test	Processed as an urgent test, and the result comes out in 1 working day maximum.	This test distinguishes the following bacteria: Neisseria meningitidis, Haemophilus influenzae, Streptococcus pneumoniae.
LBE00022	MENINGITIS VIRUS IN SPINAL LIQUID DETECTION FOR PCR	None, however the sample is collected by experienced medical personnel.	URG-Examen de urgencia	It is processed like in an urgent matter, Giving the results on the following day as maximum	This test differentiates the following viruses: Citomegalovirus (CMV), Epstein Barr Virus (EBV) and Virus of the Human Herpes 6 (HHV6), and the Enterovirus (Poliovirus, Echovirus and Coxsackievirus A and B)
LBE00413	METANENPHRINES, PLASMA	Patient's Preparation: Patients should be relaxed, either in a supine or upright position before drawing blood. The diet instructions: The patient should avoid alcohol, coffee, tea, tobacco and vigorous exercise before the draw.. Preferred fasting from the day before.	REF-Test to send to the reference laboratory	Ref. USA 120 delivery days	Elevations 4 times the highest reference range folding: strong suggestive of an pheochromocytoma (1). Elevations 1-4-fold higher reference range: significant, but not of diagnosis, may be due to the medications, or stress. Suggest working in 24-hour urine fractionated metanephrines and Chromogranin A serum for confirmation
LBE00513	METANEPHRINES, URINE	The patient must avoid tobacco, tea, coffee for 3 days before collecting the sample. Common antihypertensive (diuretics, ACE inhibitors, calcium channel blockers, alpha and beta blockers) make little to no interference. The medications that are agonists are (Aldomet). alpha blockers (Dibenzylamine) must be avoided 18-24 hours before the collection of the sample.	REF-Test to send to the laboratory with a reference	Reference used, delivered in 12 days	An elevation 4 times the urinary normetanephrines is very probable that it's caused by a tumor, while 4 times the elevation of urinary metanephrines is suggestive, but it is not a diagnosis of a tumor. Plasma metanephrines count and chromogranin A is recommended for confirming.
LBE00058	Methemoglobin	Please take the sample during the week and coordinate with the CENARE Laboratory in the UCR, the sample is taken in the morning to be sent on the same day.	REF-Test to send to the reference laboratory	2 days	Note if the patient is a smoker
LBE00725	MICROALBUMINURIA	None	Rut- Routine check up		Microalbumina < 37 mg/L Relac A/CREFa: < 16 mg/g
LBE00472	MONONUCLEOSIS LATEX	None	URG 2- Urgent test with manual testing	1:30 hr	Negative
LBE00690	MUMPS VIRUS ANTIBODY (IGG, IGM)	none	Ref- tests to be sent to reference laboratory	sent to USA 10 days	Quest Code 36564
LBE00608	MYCOBACTERIUM TUBERCULOSIS DETECTION BY PCR	It has no specific preparation, it depends on the type of sample to be required to do the analysis.	ESP-Special tests	Friday Afternoon	This test detects tuberculosis Mycobacteria of the Mycobacterium complex.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00081	NICOTINE IN URINE	None	Rut- Routine check up	6 hr	
LBE00511	NMO-IGG ANTIBODIES, SERUM	none	REF-Test to send to the reference laboratory	USA 15 DAYS	It detects the presence of NMO-IgG in the serum to confirm a diagnosis of optical Neuromyelitis and to distinguish from multiple sclerosis. Confirm suspected cases of NMO and help in making a differential diagnosis and identification of the cause of multiple sclerosis like symptoms in the patient. An accurate diagnosis will be more to help predict the course of the disease and give direction on treatment options.
LBE00508	OPIATES	QUALITATIVE. IT IS INCLUDED IN THE TOXINS IN URINE TEST	Rut- Routine check up	2:00 h	
LBE00428	OVARIAN CANCER MARKERS	No fasting required	RUT -Routine exam	Results in approximately 4 hours	Includes: Alpha-fetoprotein (AFP), carcinoembryonic antigen (CEA), chorionic gonadotropin, and CA 125.
LBE00154	oxaluria	Preparation: In the laboratory they give you a sheet with instructions and the container to collect the sample. Urine test 24 hours (is necessary to know the size and weight of the patient) 1-use plastic a 1 gallon container which laboratory will provide you. In the event that you purchase it, remember that it must be clean and dry before use. 2. start collecting in the morning. the first urine of the day must be discarded. Note in the gallon the time that you discarded the first urine. The goal is to have the empty bladder before you start. 3. once empty the bladder. deposit in the gallon all the urine of the day and night. You can collect the urine in a small container and carefully pass it to the GAL. Don't forget any urine samples. 4. it is advisable to have the gallon in refrigeration during the collection process. 5 end the collection the next day at the same time that you removed the first urine of the day before. . 6. close well the GAL and bring it labeled with your personal data to the laboratory. 7 sometimes it's necessary to take a blood sample the weight and height data to complete the analysis. so don't forget the information of tests that the doctor gave you.		2 hours	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00426	P.S. ANTIBIOTICS	It can be charged separately upon request, when the request for the doctor or patient requests only the urine culture without the PSA is charged only LBE00177 UROCULTIVATION, if the medical order says urine culture + PSA You are also charged the LBE0065 for assembling the sensitivity of antibiotics, if the culture is negative you get a refund for the amount of the PSA	Rut- Rutine check up	Depends on the harvest, consult a bacteriologist	Automated test
LBE00669	PANEL SMA 20	12 hours fast	URG- Urgent tests	approximately 1 hour	Includes: Serum glucose, serum urea nitrogen (BUN), serum creatinine, bilirubin total and fractionated, aspartate amino transferase (TGO), alanine amino transferase (TGP), alkaline phosphatase (ALP), total and fractional proteins, serum sodium, serum potassium, serum chloride
LBE00691	PAPP-A	It has to be accompanied by data such as demographic data and ultrasound as the axis values flow skull and the nuchal translucency (NT). Only the report can be done with an ultrasound between weeks 11 and 13 + 6 days	ESP- Special tests	2 days	See result in study of early prenatal risk of trisomy (PRISCA)
LBE00675	PARASITES IN STOOL	Fresh sample of less than 4 hours (if it is going to take to long to send to the lab it's best to keep in refrigeration) IMP: breastfed children and babies in diapers should be clean of any cream or talcum in thier genitalk area to collect the sample.	URG2- Manual tests	1 hour	There is the consistency of the sample and the presence of white blood cells, red blood cells and parasites in stool.
LBE00689	PARATHYROID HORMONE. (PTH)	None	RUT -Routine exam	6 hr	(7-57) pg/mL
LBE00651	PARTIAL THROMBOPLASTIN	Preparation : Does not apply Results in 2 hours	RUT -Routine exam		Baseline: 22-38 seconds
LBE00489	PARVOVIR B19 AB (IGG, IGM)	none	Ref- tests to be sent to reference laboratory	It's refered to USA in 10 days delievery	includes: antibody anti-Parvovirus B19 IgM and IgG Code Quest: 8946
LBE00163	PCA3	Correct sample draw: -a prostate massage is done by the physician -the urine sample following this procedure in placed in the general urine vial -Transfer a portion to a special transportation canister	Ref- tests to be sent to reference laboratory	Ref, USA results en 2 weeks	Ourlab Genecell with Daniel Jackson Mejia: T: 2445-3880 cc: 8704-6644
LBE00605	pepsinogen II	10-12 hour fast. The patient should refrain from taking anti-acid drugs or medications affect the motility, if possible, 48 hours prior to sample collection	Ref- tests to be sent to reference laboratory	Ref, USA results in 10 -12 days	see report



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00478	PEPTIDE C	NoneNone It can be done at the doctor's request in a 24 hr collection urine.	RUT- routine check up	6 hours	Serum: (0.9. 7.1) ng/mL urine: (36-253) ug/ day
LBE00041	PERITONEAL FLUID	Drawn by doctor	URG -Urgent test	1 hour and the culture may take up to 5 days	Ascites fluid or peritoneal Includes: cellularity, Biochemistry (glucose, total protein, DHL, amylase, alkaline phosphatase, pH) and Gram and cultures of bacteria .
LBE00683	PH IN STOOL	Preparation: Children in diapers or breastfed infants should have clean genitals without powder or lotion to be able to collect the sample.	URG- Urgent tests	1 hour	
LBE00078	PHENOBARBITAL	It is advisable to extract the sample before the patient takes their medicine.	RUT -Routine exam	6 hr	Therapeutic Range: (15-40_ ug / mL
LBE00617	PHENYTOIN	Best to extract sample before patient takes medication.	RUT-Routine exam	6 hr	Therapeutic Range: (10-20_ ug / mL
LBE00749	PHOSPHATURIA	Preparation: The lab will deliver an instruction sheet and container to collect the sample. Urine test 24 hours (we need to know the size and weight of the patient) 1-Use the plastic packaging of a 1 gallon container provided by the lab . In case you acquire one. remember it has to be clean and dry before use. 2-Start the collection in the morning . the first urine of the day should be discarded. Write on the container gallon what time this urine was discarded . The goal is to have an empty bladder before starting the collection . 3-Once the bladder empty. deposit in gallon container all of urine collected throughout the day and night . You can collect the urine in a small bowl and carefully pass it to the gallon. Do not miss any urination. 4-It is recommended that the gallon be refrigerated during the collection process . 5-complete collection the next at the same time the first urine of the day was discarded yesterday . 6-Close gallon and label it , bring it to the lab with the personal data. 7-Sometimes a blood sample is needed along with the weight and height data to complete the analysis. Make sure to bring the exam request given out by the Dr.	URG2-urgent exam with manual proof	2 hours.	(900-1300) mg/24 h reportable range: (5,50 – 143) mg/dL Dilute the sample by a factor 11.
LBE00032	PHOSPHORUS	None	URG-Urgent test	1 hour	(2,5-4,6) mg/dL
LBE00166	PIRILINK D	Collect morning urine	Ref- to send to reference lab	Ref- 2 days	H: (2.3 to 5.4) nM DPD / mM cREfatinin F (3.0 to 7.4) nM DPD / mM creatinine
LBE00731	PITUITARY PROFILE	Non-fasting Full profile complementary to an endocrine hormonal study	ESP- Special tests	Results delivered in 2 days at the most	Includes: Prolactin (PL), adrenocorticotrophic hormone (ACTH), growth hormone (GH), thyroid stimulating hormone (TSH), follicle stimulating hormone (FSH) and luteinizing hormone (LH). ACTH ** refers to Labin FROZEN.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00348	PLATELET		Rut- Routine tests	2 hours	Reference Values: 172000-450000 / ul
LBE00650	PLATELET RICH PLASMA (AESTHETIC PROCEDURES)	Submitted at least one hour before the appointment, except Saturdays: two hours (after coordination with the dermatological center and laboratory)	Rut- Routine tests	Depends on the time of the appointment	
LBE00746	PLEURAL FLUID	Drawn by Doctor	RUT -Routine exam	Up to 5 days	Includes: cellularity, Biochemistry (Glucose, Total Protein, DHL, Cholesterol, pH) Gram stain and culture for bacteria
LBE00575	PLGF (PLACENTAL GROWTH FACTOR)	Study of Pre eclampsia in pregnancy: * Please indicate on the ballot weeks of pregnancy. Test is done only on 15-18 weeks and 20-22 weeks of pregnancy	ESP- Special tests	Done on Tuesdays and Thursdays. Tests done before 8 AM get results back on the same day	If the serum concentration of PIGF at week 15-18 of pregnancy is less than 42 pg / mL, or 20-22 of pregnancy is less than 100 pg / mL, no risk of pre eclampsia.
LBE00026	PNEUMOCYSTIS (SMEAR)	THE SAMPLE WITH WRIGHT STAIN SMEAR	Rut- Routine tests	2 hours	
LBE00363	PNEUMONIA BACTERIA (PNEUMOBACTER) DETECTION BY PCR	Panel to detect the common respiratory tract infection-causing bacteria that are difficult to detect with technical, conventional techniques of Molecular Biology (PCR) detection	ESP-Special tests	Done from Monday through Friday, with 2 days to give result back	This panel differentiates the following bacteria: Chlamydoghila pneumoniae, Legionella pneumophila, Mycoplasma pneumoniae, Bordetella pertussis and Bordetella parapertussis
LBE00075	PORPHOBILINOGENO, 24 HR AND RANDOM URINE	It can be done in 24 hr urine and urine randomly according to what the doctor asks. Refrigerate during collection, protect from light	Ref- to send to reference lab	REF, USA 10-15 days	includes: Coproporphyrin, uroporphyrin, Heptacarboxiporfirinas, Pentacarboxiporfirinas, total profirinas and hexacarboxiporfirinas
LBE00603	PORPHYRINAS, FRAC AND PORPHOBILINOGENO	It can be done in 24 hr urine and random urine according to what the doctor asks. Refrigerate during collection, protect from light	Ref- to send to reference lab	REF, USA 10-15 days	Includes: Coproporphyrins, Heptacarboxiporfirinas, hexacarboxiporfirinas, Pentacarboxiporfirinas, Total profirinas, uroporphyrins and porfobilogeno.
LBE00602	PORPHYRINAS, HR AND RANDOM URINE 24 QT	It can be done in 24 hr urine and random urine according to what the doctor asks. protect from light	Ref- to send to reference lab	REF, USA 10-12 days	Includes: Coproporfirinas, Heptacarboxiporfirinas, hexacarboxiporfirinas, Pentacarboxiporfirinas, total profirinas Clinical Significance Clinical use is to diagnose porphyria cutanea tarda, hereditary coproporphyria, variegate porphyria.
LBE00604	POTASIAM	It can be done also in urine for 24 hr at the request of the physician. Do not use preservatives., Refrigerate during collection.	URG- Urgent tests	1 hour	Serum (1.00 to 14.00) mmol / L urine (2.53 to 175) mmol / L Reportable Range: Serum (1.00 to 14.00) mmol / L urine (2.53 to 175) mmol / L
LBE00704	PRE-SURGERY ROUTINE PROFILE	NONE	Rut- Routine tests	Results 3 hours	Includes: Complete blood count, serum creatinine, prothrombin time (PT), activated partial thromboplastin time (PTT), Group Rh, VDRL, Urinalysis and HIV
LBE00711	PRENATAL PROFILE II	8 hours fast.** requires that the blood sample be collected with technique, ideally, first thing in the morning.	Rut- Routine tests	Results 3 hours	Includes: Complete blood count, serum glucose, VDRL, urinalysis, HIV (antibody and antigen in the blood), Ac. Anti Toxoplasma gondii IgG, and Ac. Toxoplasma gondii IgM Anti



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00018	PRO BNP	PRO BNP No special recommendation. THE ONE THAT IS DONE IS THE BNP (NOT THE BNP PRO)	URG- Urgent tests	1 HOUR POST-COLLECTION	It is recommended that the BNP is more specific. negative <100 pg / mL
LBE00523	PROCALCITONIN	none	URG- Urgent tests	1 hour	Negative <0.1 ng/mL
LBE00462	PRODUCT DEGRAD. FIBRINOGEN	N/A	Rut- Routine tests	results 2 hours	Reference values: <5ug/ml
LBE00695	PROFILE BASIC HEALTH CHECK	12 hour fast It requires sample of blood and urine collected with technique, ideally the first morning	Rut- Rutine test	Delievery in 2 hours	
LBE00713	PROFILE CHECK FULL WOMAN I	12 hour fast It requires sample of blood and urine collected with technique, ideally the first morning	rut- routine check up	approx. 4 hours, less the glycosylated hemoglobin (delivered to the md 12 or 7 pm)	Includes: Complete blood count, general examination of urine, serum glucose, serum urea nitrogen (BUN), serum creatinine, serum uric acid, lipid profile, total and fractionated bilirubin, aspartate amino transferase (TGO), alanine amino trans-(TGP) aminotransferase, gamma-glutamyl transpeptidase (GGT), alkaline phosphatase (ALP), total and fractional proteins, serum iron, calcium in serum, serum phosphorus, serum sodium, serum potassium, hemoglobin A1c glycosylated, estradiol (E2), follicle stimulating hormone (FSH), luteinizing hormone (LH), and thyroid (TSH) TSH.
LBE00708	PROFILE CHECK WOMEN II	12-hour fast Requires ** blood sample and urine collected with technique, ideally the first of the morning	Rut- Rutine test	Approx. 4 hours, except the glycosylated hemoglobin (delivered at 12 noon or 7 pm)	Includes: complete blood count, urinalysis, serum glucose, urea nitrogen seric (BUN), serum creatinine, serum uric acid, lipid profile, gamma glutamyl transpeptidase (GGT), calcium, and thyroid stimulating hormone (TSH).
LBE00716	PROFILE OF IMMUNOGLOBULIN (3) IGA, IGG, IGM	12-hour fast Listing detailed analysis of the quantification of the fractions of immunoglobulins	Rut-rutine test	Results in 3 hours	Includes: immunoglobulin A, immunoglobulin G, and immunoglobulin M.
LBE00722	PROFILE OF IMMUNOGLOBULIN (3) IGA, IGG, IGM COMPLETE WITH ELECTROFORESISI	No fast required	Rut-rutine test	Delievrry on Tuesdays and Thrusdays in the afternoon	Includes: Immunoglobulin A, Immunoglobulin G, Immunoglobulin M, and Protein Electrophoresis.
LBE00660	PROFILE OF SEXUALLY TRANSMITTED DISEASE (STD II)	Detailed Panel to detect common pathogens causing infections of Sexual transmission (STD) * If the patient presents an injury, the sample is taken from that site (above all for suspicion of Herpes Simplex, in which case not be serology but detection of Herpes virus by molecular biology techniques). Depending on the case, the sample must be taken by a gynecologist for women. Blood sample is also required.	ESP- Special tests	Results delievered on Tuesday in the afternoon	Incluye: Trichomonas vaginalis, Mycoplasma hominis, Mycoplasma genitalium, Chlamydia trachomatis, Ureaplasma parvum, Neisseria gonorrhoeae, Ureaplasma urealyticum, and the IgM e IgG de Herpes virus simplex 1 y 2. antibodies
LBE00208	PROGESTERONE	none	Rut- Routine tests	6 hours	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00148	PROLACTIN	none	Rut- Routine tests	6 hours	H: (1,6 a 18,7) ng/mL F: (1,39-24,2) ng/mL
LBE00693	PROSTATIC PROFILE	No requirement. Full Panel of Antigens prostatic blood		Results 3 hours	Prostate Specific Antigen (PSA) FREE Prostate Specific Antigen (PSA FREE) FREE Relationship PSA / PSA TOTAL
LBE00395	PROT ELECTROPHORESIS IN URINE	Preparation : 12 hours fasting Maintain refrigerated	ESP-Special exams	Done on tuesdays and thursdays.	
LBE00079	PROTEIN AND A / G	No special requirements	URG- Urgent tests	1 hora	Use serum without hemolysis. Reference Range Total Protein (6.3 to 8.2) g / dL Reportable Range: Serum (2.0 to 11.0) g / dL Albumin, Globulin and relationship included A / G.
LBE00146	PROTEIN C (COAGULATION)	Preparation: Not anticoagulated patient	ESP- Special tests	Samples are processed on wednesdays	
LBE00537	PROTEIN ELECTROFORESIS	fasting 12 hours avoid lipemic turbidity	ESP-Special Exams	Done on tuesdays and thursdays.	
LBE00569	QUANTIFERON TB	The sample is drawn only between Monday and Wednesday. Non-fasting The sample is taken in three special tubes that are in Molecular Biology, respect the sampling volume, stirring by inversion 10 times, and immediately placed at 37 ° C (to incubate for 16 to 24 hours) when writing in sheet. Instructions printed *** Molecular Biology	REF-Exams to be sent to reference labs	Results between 8 and 10 days	
LBE00747	QUANTIFICATION OF FACTORS IX	None	REF-Exams to be sent to reference labs	Ref USA, 10 working days.	This test is useful for evaluating prolonged TTP's. The second most common form of hemophilia is caused by a deficiency of factor IX. Hemophilia B is an X chromosome-linked disorder affecting 1 out of every 25-30 thousand men. Baseline: 60-160% normal activity Quest Code: 31872P
LBE00138	QUANTIFICATION OF FACTORS VIII	None	REF-Exams to be sent to reference labs	Ref USA, 7-10 Working days	This test is useful for evaluating prolonged TTP's. The most common form of Hemophilia is caused by a deficiency in factor VIII. Baseline: 80-150% normal activity Quest Code: 32094P
LBE00176	QUANTIFIED CHORIONIC GONADOTROPIN	None	URG -Urgent test	1 hr	<5 mIU / mL ranges in pregnancy: Weeks (last period) (mIU / ml _____) 3-4 Weeks (9-130_ mIU / ml 4-5 Weeks (75-2600_ mIU / ml 5-6 Weeks (850-20800_ mIU / ml 6-7 Weeks (4000-100200_ mIU / ml 7-12 Weeks (11500-289000_ mIU / ml



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00159	QUANTTIFICATION OF FACTORS VII	None	REF -Exams to be sent to reference labs	Ref USA, 10 working days.	This test is useful for evaluating prolonged TP's . Its deficiency is associated with risk of bleeding. Reference value: 60-150% normal activity Quest Code: 31989P
LBE00640	R.A FACTOR	Preparation : Does not apply	URG2 -Urgent tests with manual proof	Results in 2 hours	Negative <20 IU/mL
LBE00209	REACTIVE C PROTEIN QUANTITATIVE	none	URG- Urgent tests	1 hora	<10 mg / L Sensitivity 3 mg / L reportable range: Serum: (3-110) mg / L
LBE00130	RENIN	None	REF-Exams to be sent to reference labs	REF USA, 8-10 working days	The determination of renin activity is useful for evaluating hypertension Quest Code: 16846
LBE00076	RESPIRATORY VIRUS DETECTION BY PCR	Required respiratory therapy personnel in most cases due to the complexity of the sample.	ESP-Special tests	Se monta de lunes a viernes, con entrega de resultados a los 2 días hábiles Set up Monday through Friday, with results delivered in 2 working days	This panel differentiates the following viruses: Influenza A and B, respiratory syncytial virus A and B, Adenovirus A / B / C / D / E, Parainfluenza 1/2/3/4, 1/2/3/4 bocavirus, metapneumovirus, enterovirus, Human Rhinovirus, Coronavirus and Bocavirus 229E/NL63/OC43 1/2/3/4
LBE00109	RETICULOCYTE	Preparation : Does not apply Results in 2 hours	RUT -Routine exam		Baseline: 0.5–1.5%
LBE00709	RHEUMATIC FULL PROFILE II	Preferably fasting. Requires pharyngeal blood and bacteriological samples taken in the clinical laboratory by your physician or doctor These complete laboratory Rheumatology analysis help the physician to diagnose and monitor autoimmune or rheumatologic disorders such as arthritis, lupus erythematosus, collagen diseases, among others.	ESP- Special tests	Boold analisys in 3 hours and the harvest 3 days at the most	Includes: CBC, antistreptolysin (AEL), throat culture, Rheumatoid factor (RF), Protein "C" reactive, erythrocyte sedimentation rate, serum uric acid and anti-CCP.
LBE00206	RICKECTTSIA (RMSF) IgG and IgM antibodies	None	REF -Exams to be sent to reference labs	REF USA, Delivered in 10 days	Antigen-specific IgG and IgM enable quick diagnosis of infection with any of the spotted fever group of agents I include R. rickettsii (spotted fever of the Rocky Mountains) and R. akari (rickettsial pox), both seen in the continental United States.
LBE00563	ROTAVIRUS AND ADENOVIRUS (ANTIGENS IN STOOL)	Fresh sample of less than 4 hours (If you will take longer to send to the laboratory best kept in refrigeration) IMP: infants or children using diapers to collect a sample, they must have clean genitals without any cream or powder	URG2-urgeent test with manual proof	1:30 hr	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00736	ROTAVIRUS IN STOOL	Fresh sample of less than 4 hours (If you will take longer to send to the laboratory best kept in refrigeration) IMP: infants or children using diapers to collect a sample, they must have clean genitals without any cream or powder	URG2 -urgent tests with manual proof	1:30 hr	
LBE00123	RUBEOLA IGG E IGM	None	ESP -Special tests	Tuesday afternoons	Negative
LBE00210	S PROTEIN	Preparation: Not anticoagulated patient	ESP- Special tests	Samples are processed on wednesdays	Reference values: 65–140 %
LBE00658	S.G.O.T.	No prep. Required	URG–Urgent test	1 hour	M: (17-59) U/L F: (14-36) U/L reportable range: (3-750) U/L
LBE00226	S.G.P.T.	No prep required.	URG urgent test	1 hour	M: (21-72) U/L F: (9-52) U/L reportable range: (3-1000) U/L
LBE00496	SACCHAROMYCES , ANTIBODIES	Offer Gastro screen LBE00539 otherwise REF, USA 8-10 Days	REF -Exams to be sent to reference labs	Offer Gastro screen LBE00539 otherwise REF, USA 8-10 Days	
LBE00200	SCHOOL PROFILE	Fasting is not required. Requires blood, urine, ideally in the morning, 3 different days feces samples, and a pharyngeal swab. Most common basic tests to assess a child in school period.	rut- routine check up	Results between 3-5 days (because of the sample)	Includes: Complete blood count, parasites in stool 3 specimens, cultivation of exudate pharyngeal, and general examination of urine.
LBE00655	SEDIMENT DYE IN URINE		URG2 -Urgent tests with manual proof	1:30 h	
LBE00457	SEMEN SMEAR	Preparation: Semen sample Abstinence is not necessary Container is delivered to the laboratory. _ Collect sample in the morning. Clean hands and genitals. Outcome: 3 hours used to see whether or not spermatozoa are present, if a vasectomy was effective	RUT–Routine exam	3 Hours	
LBE00619	SEROLOGY BY APHERESIS	Platelet donation through apheresis	RUT -Routine exam	Accordind to availability of donors	
LBE00164	SEROLOGY BY BRUCELLA (ROSE OF BENGAL)	None	REF–Exams to be sent to reference labs	2 to 3 working days	Search Antibodies vs Brucella antigen spp.
LBE00673	SEROTONIN	12-hour fast Patient should not eat in 3 days: avocado, banana, pineapple, tomatoes, plums, walnuts, peanuts, eggplant or chocolate. Or drink coffee, tea or drinks with these components. No smoking for 3 days.	REF–Exams to be sent to reference labs	REF, 7 working days	Normal range: 56-244 ng / mL Serotonin levels become very high in patients with Carcinoid Syndrome This syndrome of multiple endocrine neoplasia (MEN) type 1 and 2 is associated These tumors are associated with flushing, diarrhea, pain and other symptoms. Quest Code: 14627X



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00684	SERUM IRON AND CAP. FIJAC. FE	Sample in the morning. 12 hour fasting	RUT -Routine exam	Results in 6 hrs max.	(250-450) ug/dL
LBE00073	SERUM IRON AND CAP. FIJAC. FE	None	ESP -Special tests	Tuesday afternoons	Analytical detection limit: 34.7 copies / mL
LBE00630	Serum osmolality		URG- Urgent test	Delievery 1H	IT PERFORMS NA, GLUCOSE AND BUN
LBE00086	SEXUALLY TRANSMITTED INFECTIONS DETECTION BY PCR	For this test different types of _ samples are analyzed. Some samples can be collected by laboratory personnel, by the person concerned _ _ when requesting the test _ (as it would the case of urine to rule out sexually transmitted infections_ others require medical personnel (eg gynecologists_ . Consult with the referring physician or laboratory for specific cases.	ESP -Special tests	Lunes en la tarde	This panel ditinguishes _ the following organisms: Chlamydia trachomatis, Neisseria gonorrhoeae, Trichomonas vaginalis, Mycoplasma hominis, Ureaplasma realyticum, Ureaplasma parvum and Mycoplasma genitalium.
LBE00526	SHBG	None	REF-Exams to be sent to reference labs	REF USA, 5-7 working days	Testosterone, dihydrotestosterone and estrogens circulate in serum bound to sex hormone binding globulin (SHBG). SHBG concentrations are increased in pregnancy, hyperthyroidism, cirrhosis, administration of oral estrogen and some drugs The concentration decreases due to testosterone, hypothyroidism, Cushing syndrome, acromegaly and obesity. Quest Code: 30740
LBE00354	SMEAR	Depends on type of sample.	RUT -Routine exam	In 2 hrs.	staining
LBE00500	SODIUM		URG -urgent test	1 hour	Serum (137-145) mmol / L Urine: (40-220) mmol/24 hrs (30-90) mmol / L reportable range: Serum: (75-250) mmol / L Urine: (5-250) mmol / L
LBE00113	SODIUM-POTASSIUM		URG -urgent test	1 hour	
LBE00494	SODIUM IN URINE	Test can be done on 24 hr old urine or ramdom urine sample depending on the opinion of physician. Do not use preservatives, refrigerate during the collection process	URG-urgent test	1 hour	
LBE00158	STOOL SMEAR	Ideally the sample should have a diarrheal consistency. Fresh sample of less than 4 hours (If it will take longer to send to the laboratory preferably keep refrigerated_ IMP: infants or children using diapers to collect a sample in the morning with clean genitals without any cream or powder.	URG2-urgent exam with manual proof	2 hours	Parasites in stool sample consistency, leukocytes, erythrocytes modified Gram stain Campylobacter were observed. Koster Staining _ Cryptosporidium sp.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00648	STUDY INFECTIOUS AGENTS FOR WOMEN I	For this test different types of samples are analyzed. Some samples can be collected by laboratory staff, some by the person concerned when requesting the test (as it would be the case of urine to rule out sexually transmitted infections_ and others require medical personnel (eg gynecologists_ . Consult with the referring physician or laboratory for specific cases. * HPV: sampling only performed by gynecologists.	ESP-Special tests	should be admitted	Includes: Trichomonas vaginalis, Mycoplasma hominis, Mycoplasma genitalium, Chlamydia trachomatis, Neisseria gonorrhoeae, Ureaplasma parvum, Ureaplasma urealyticum, Papillomavirus-HPV high and low risk genotype included (HPV type infecting virus). * Analyses are performed by molecular techniques (PCR_
LBE00671	STUDY BY HELMINTHS (KATO AND BAERMANN_	Fresh sample of less than 4 hours (Preferably kept refrigerated if there is going to be a delay in getting to the lab)_ IMP: infants or children using diapers must have clean genitalia without any cream or powder for sample collection.	RUT-Routine Exam	3 hr	
LBE00705	STUDY FIRST QUARTER (trisomies and preeclampsia_ "	Can only do the report with an ultrasound between 11 and 13 weeks + 6 days. This panel includes blood markers used to predict risk of trisomy in pregnancy (PAPP-A, free HCG) and marker Pre eclampsia (PLGF_ . It must be accompanied by demographic data and ultrasonographic values such as the skull and the nuchal caudal axis translucency (NT). Besides the Intrauterine Pressure (PI) to the value of pre eclampsia.	ESP-Special tests	Tuesdays and Thursdays before 8 am	See results in the study of early prenatal trisomy risk for pre eclampsia
LBE00654	STUDY FIRST QUARTER trisomies (PAPP-A AND FREE HCG) "	Can only do the report with an ultrasound between 11 and 13 weeks + 6 days This panel includes the two used to predict risk of trisomy in pregnancy (PAPP-A and free HCG) blood markers. It must be accompanied by demographic data and ultrasonographic values such as the skull and the nuchal caudal axis translucency (NT).	ESP-Special exams	2 working days	See results in the study of early prenatal risk of trisomy (PRISCA_.
LBE00491	STUDY OF INFECTIONS IN A TORCH PREGNANCY	Does not require fasting	ESP -Special tests	Toxoplasmosis and CMV in 4 hours, Herpes Mondays and Thursdays, Tuesdays and Rubella	Includes: Ac. IgG anti-Toxoplasma gondii, Ac. anti-Toxoplasma gondii IgM, Ac. anti-CMV IgG, Ac. anti-CMV IgM, Ac. IgG anti-Herpes I, Ac. IgM anti-Herpes I, Ac. IgG anti-Herpes II, Ac. IgM anti-Herpes II, Ac. anti-Rubella IgG, and Ac. anti-rubella IgM. This profile includes more complete laboratory tests of infectious agents during pregnancy that could cause some damage to the baby.
LBE00188	T3 TOTAL	None	RUT -Routine exam	2 to 3 hours	(0,79 a 1,49) ng/ml
LBE00050	T4 TOTAL	None	RUT -Routine exam	2 to 3 hours	(4,5-12,5) ug/dL



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00448	TACROLIMUS AND SIROLIMUS	The sample is taken one hour before the next dose	REF-Exams to be sent to reference labs	REF, USA 12 days	Quest Code: 70006 (70007 Tacrolimus only)
LBE00142	TESTOSTERONE	None	RUT-Routine exam	6 hr	
LBE00521	Thrombotic FULL STUDY (AVC PROTOCOL AND MUTATIONS _ "	Ask if the patient is taking anticoagulant and indicate on the info sheet. Note: Includes presumptive evidence of lupus anticoagulant. Should inform the patient that subsequently may charge the confirmatory test. Includes Protocol + ACV mutations thrombotic risk.	ESP-Special tests	Results Wednesday afternoons	Includes: lupus anticoagulant (presumptive confirmatory charged separately_, Antithrombin III, Protein C, Protein S and anti-cardiolipin (IgG and IgM_ antibodies. Thrombotic risk mutations by PCR (Factor V Leiden, Gene mutation Prothrombin, MTHFR gene mutation_.
LBE00149	THYROGLOBULIN	None	REF -Exams to be sent to reference labs	Results in 3 working days	
LBE00719	THYROID PROFILE I	none	Rut- Routine tests	2 hours	Includes: TSH, free T3 and free T4
LBE00682	THYROID PROFILE II	none	Rut- Routine tests	2 hours	Includes: TSH, free T3 and free T4
LBE00717	THYROID PROFILE WITH FULL AUTO-IMMUNITY	This listing includes a complete analysis of thyroid function, including the study of thyroid autoimmunity.	Rut- Routine tests	4-5 hours	Includes: TSH, free T3, free T4, anti-microsomal antibodies and anti-thyroglobulin
LBE00143	TIME COAG. AND / OR SANG	Patient must have not taken aspirin in the last 3 days	RUT -Routine exam		Reference values: Bleeding time: less than 8 mins Coagulation time: 5-10 mins
LBE00129	TOXINS IN URINE (BUSINESS)	Sample requires custody by laboratory personnel	URG-Urgent test	Delivery in 1 hour	Certain drugs: Cocaine Marijuana Opiates Phencyclidine Barbiturates Benzodiazepines Methadone Methamphetamine Morphine Phencyclidine
LBE00460	TOXINS IN URINE	Sample is guarded, the patient has to be accompanied by a member of the laboratory staff at the time of Collecting Urine Sample	URG2-Urgent test with manual proof	1:00 hr	Certain Drugs: Phencyclidine, Benzodiazepines, Cocaine Marijuana, Opiates, Barbiturates, Methadone, Methamphetamine, Morphine, Phencyclidine
LBE00498	TOXOPLASMA GONDII (REAL TIME PCR)	None	ESP -Special tests	Friday afternoon	



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00444	TPMT GENOTYPE	None	REF -Exams to be sent to reference labs	REF USA, 12 day delivery	Thiopurine S-methyltransferase (TPMT; S-adenosyl-L-methionine: thiopurine S-methyltransferase) catalyzes thiopurine S-methylation, an important metabolic way to antineoplastic and immunosuppressive drugs. in the U.S., 11% of the population show intermediate TPMT activity, and about 1 in 300 have TPMT deficiency Given the life-threatening nature of hematopoietic toxicity when full doses of mercaptopurine or azathioprine administered TPMT-deficient patients, and the difficulty in measuring TPMT activity accurately when patients were given red transfusions of blood cells, the molecular method for determining TPMT genotype allows the prospective identification of patients risk
LBE00059	TRANSFERRIN, SERUM	12 hours fasting	REF-Exams to be sent to reference labs	REF, USA 10 days	Quest Code 891X
LBE00499	TRIGLYCERIDES	Special prep of patient 12 hours fasting	URG -urgent test	1 hour	<150 mg/dL reportable range: Suero: (10-525) mg/dL
LBE00009	TROPHYRYMA WHIPPLEI DNA QUALITATIVE REAL-TIME PCR	Requires no consumption of antihistamines. Sample of blood, urine, feces is required, and A profile of general exams for the child to help the physician to assess the condition of anemia, possible infections, platelets, renal function in the general urin	ESP-Special tests	USA, from 5- 7 working days	Detection Tropheryma whipplei (causing Whipple's disease bacterium) Quest Code: 13352X
LBE00168	TROPONIN T QUANTIFIED	None	URG -Urgent test	1 hour	Negative < 0.3 ng/mL. Sensitivity: 0,02 ng/dL
LBE00601	TRYPSIN IN STOOL	Preparation infants diaper or using the sample should be collected clean genitals without any cream or powder	URG2-Urgent test with manual proof	2:00 hr	
LBE00659	TRYPTASE SERUM	None	REF-Exams to be sent to reference labs	REF USA, 8 days	Clinical Significance Tryptase concentrations are increased with immediate hypersensitivity (anaphylaxis), acute allergen challenge, and mastocytosis
LBE00616	TSH	None	RUT-Routine exam	2 to 3 hours	(0.4 to 4.67) mIU / mL Ideal young population (0.4 to 2.0) mIU / mL



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00131	TSI (THYROID STIMULATING IMMUNOGLOBULIN)	None	REF-Exams to be sent to reference labs	Send to USA, Delivery 8 to 10 days	Graves' disease is a classical form of overactive thyroid disease, which affects about 0.4% of the population in the United States. It is caused by IgG, collectively known as thyroid stimulating immunoglobulins (TSI) Patients who are candidates for antithyroid drugs Therapy can not respond to this treatment when TSI levels are markedly elevated Determining the TSI can also help in predicting hyperthyroidism in newborns due to placental transfer of maternal immunoglobulins to hyperthyroidism
LBE00614	TUBERCULIN	Preparation: Not applicable Results: 48 to 72 hours. The patient must come within those hours to make a reading of the test	ESP-Special tests	Intradermal, Results after 3 days	<10 mm of induration
LBE00599	ULTRASENSITIVE PCR	NONE	Rut- Routine check up	2 hours	
LBE00114	UREA NITROGEN	No special patient requirements Can also be done with 24 hr Urine	URG-Urgent test	1 hour	M: (9-20) mg / dL F: (7-17) mg / dL Urine: (12-20) g / day reportable range: Serum (2.0 to 120) mg / dL Urine: (42-2520) mg / dL
LBE00152	UREIC NITROGEN AND CREATININE	None	URG-Considered urgent	REPORT in 1 Hour	UREIC NITROGEN AND CREATININE IS REPORTED
LBE00145	URICOSURIA	Urine collection 24 h No special patient preparation is required. Store at room temperature while cooling after the sample is collected	RUT -Routine exam	Routine examination test that is performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am) and is delivered in the afternoon hours, if the sample is taken on another shift the result is given in 6 hours.	(250-750) mg/24 h
LBE00474	URINARY OSMOLARITY		REF-Test to send to the reference laboratory	2 days	
LBE00742	URINE CULTURE	Request collection sheet at the laboratory reception. It can be paid separately upon request, when the request of the physician or the patient requests only Urine culture without the PSA he is charged only LBE00177 urine, if the physician's order says urine culture + PSA will also charge the LBE0065 to do a sensitivity to antibiotics test, if the culture is negative the amount of the PSA will be refunded.	RUT-Routine exam	2 to 3 days	Identification and Susceptibility Test (separate charge)



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00084	V.D.R.L.	None	RUT -Routine exam		Non- Reactive
LBE00064	VAGINAL SMEAR	Preparation : Clean genital area well with sterile gauze and saline solution.	RUT–Routine exam	Results from 2 to 3 hours	Staining and direct exam
LBE00012	VALPROATO	It is advisable to do the sample extraction before the patient takes his medicine	URG–Urgent test	1 hr	Therapeutic Range: (50-100) ug / mL
LBE00192	VANCOMYCIN (LEVEL)	It is advisable to do the sample extraction before the patient takes his medicine	URG–Urgent test	1 hr	Therapeutic range: Valley (5-10) ug / mL Peak: (30-40) ug / mL
LBE00177	VARICELLA ZOSTER VIRUS ANTI-BODY (IGG, IGM)	None	REF–Exams to be sent to reference labs	Ref USA,Delivery in 6 working days	Quest Code: 34128
LBE00331	VITAMIN B12	12 hours fasting	RUT–Routine exam	Routine examination test that is performed every day and delivered the same day, when the sample is taken during the morning (before 9:00 am) and is delivered in the afternoon hours, if the sample takes on another shift the result is given in 6 hours.	(174-878) pg/mL
LBE00049	VITAMIN E (TOCOPHEROL)	Best with patient who is fasting	REF–Exams to be sent to reference labs	Sent to USA, Results in 8 to 10 days	Deficiency of vitamin E can cause major neuropathy in Toddlers and also is suspected as a possible cause of motor and sensory neuropathy in older children and adults A likely cause of the deficiency of vitamin E is intestinal malabsorption as a result of intestinal disease, pancreatic disease or chronic cholestasis Other causes of vitamin E malabsorption include celiac disease, cystic fibrosis, and intestinal lymphangiectasia
LBE00657	VON WILLEBRAND ANTIGEN ,MULTI-NUMERIC ANALYSIS	None	REF–Exams to be sent to reference labs	Sent to USA, report in 10 to 12 days	Von Willebrand disease is the most common inherited disorder of bleeding, but can also be acquired The von Willebrand factor is required for platelet adhesion to injured endothelium. This multimeric analysis is useful when the type 2 disease is suspected and to categorize the disease. For example, Type 2A, loss of high molecular weight multimers is a defect due to assembly and secretion or increased proteolysis



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00741	VON WILLEBRAND ANTIGENO, ANALISIS MULTIMÉRICO	none	REF-Exams to be sent to reference labs	Sent to USA, report in 10 to 12 days	Von Willebrand disease is the most common inherited disorder of bleeding, but can also be acquired The von Willebrand factor is required for platelet adhesion to injured endothelium. This multimeric analysis is useful when the type 2 disease is suspected and to categorize the disease. For example, Type 2A, loss of high molecular weight multimers is a defect due to assembly and secretion or increased proteolysis
LBE00656	VON WILLEBRAND FACTOR	None	REF-Exams to be sent to reference labs	USA, 8-10 working days	Quest Code: 4919
LBE00507	VPH-DNA	Preparation: For women, a gynecologist should take a vaginal sample brush in a jar of liquid cytology, delivered to physicians by the laboratory. If male the sample is taken in the laboratory. * Take 4 days before to 4 days after menstruation, not above having sex at least 2 days before.	ESP-Special tests	RESULTS FOR THURSDAY AFTER-NOON Note: samples arriving on Thursday must be given the following week	PCR METHOD FOR MOLECULAR BIOLOGY Determines high-risk genotypes: 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 69, 73 and 82 Determines low risk genotypes 6, 11, 40, 42, 43, 44, 54, 61, 70 **Also allows semi-quantification of viral count
LBE00442	VPH-DNA	Preparation: For women, a gynecologist should take a vaginal sample brush in a jar of liquid cytology, delivered to physicians by the laboratory. If male the sample is taken in the laboratory. * Take 4 days before to 4 days after menstruation, not above having sex at least 2 days before.	ESP-Exámenes especiales	RESULTADOS PARA EL JUEVES EN LA TARDE Nota: las muestras que entran el jueves tienen que ofrecerse para la semana siguiente.	PCR METHOD FOR MOLECULAR BIOLOGY Determines high-risk genotypes: 16, 18, 26, 31, 33, 35, 39, 45, 51, 52, 53, 56, 58, 59, 66, 68, 69, 73 and 82. Determines low risk genotypes 6, 11, 40, 42, 43, 44, 54, 61, 70. **Also allows semi-quantification of viral count
LBE00743	WESTERN BLOT-HIV	No prep required	REF -Exams to be sent to reference labs	USA, 7-8 working days	
LBE00430	WESTERN BLOT-HIV	No prep required	REF -Exams to be sent to reference labs	USA, 7-8 working days	
LBE00565	WESTERN BLOT DE ENFERMEDAD DE LYME (IGG E IGM)	NONE	REF -Exams to be sent to reference labs		Lyme disease is transmitted by a tick carrying Borrelia burgdorferi vector Western blot test examines qualitatively, with high specificity, antibodies in a patient specimen Western blot test is appropriate for confirming a detected result of the EIA or IFA test.
LBE00336	WESTERN BLOT FOR LYME DISEASE (IGG E IGM)	None	REF -Exams to be sent to reference labs		Lyme disease is transmitted by a tick carrying Borrelia burgdorferi vector Western blot test examines qualitatively, with high specificity, antibodies in a patient specimen Western blot test is appropriate for confirming a detected result of the EIA or IFA test.



Product Code	Test Name	Requirements For Samples	Type Of Exam	Delivery	Reference
LBE00512					
LBE00720					Serum calcium, serum CO2, range glutamyl Aminotransferase (GGT), lactic dehydrogenase (LDH), serum phosphorus, uric acid, and lipid profile.
LBE00015		<p>Preparation: Go by the laboratory to get the container and instruction sheet to collect the sample. Urine test 24 hours (is necessary to know the size and weight of the patient) 1–use a 1 gallon plastic container which laboratory will provide you. In the event that you purchase it remember it must be clean and dry before use. 2. start collecting in the morning, the first urine of the day must be discarded. Note in the gallon the hour in which you removed this first urine. The goal is to have the empty bladder before you start. 3. once you empty the bladder. deposit in the gallon all the urine of the day and night. You can collect the urine in a small container and carefully pass it to the GAL. Don't forget a urine sample. 4. it is advisable to have the gallon in refrigeration during the collection process. 5 finalize collection the next day at the same time that you removed the first urine of the day before. 6. close well the GAL and bring it labeled with your personal data to the lab. 7 sometimes it is necessary a blood sample and weight and height data to complete the analysis. so don't forget the application of tests that the doctor gave</p> <p>Urine 24 h Do not use preservatives., refrigerate during collection.</p>	URG- Urgent , with manual tests	1:30 hours	(42-225) mg/24 h reportable range: Urine: (5-200) mg / dL