



Bermuda Hospitals Board

Laboratory Test Directory

Alphabetical List of Tests Available In-House

GENERAL CHEMISTRY

Albumin
Alkaline Phosphatase
Alt/SGPT
Ammonia
Amylase
Ast/SGOT
Blood Gas, Arterial and Venous
Calcium – Serum and Ionized
Carboxyhaemoglobin
Cholesterol
Creatinine Kinase (Ck)
Creatinine
ECO2
Electrolytes (Na, K, Cl)
Gamma-glutamyl transferase GGT
Globulin
Glucose (random/12hr Fast)
Glucose (CSF)
Haemoglobin A1c
Iron (Fe)
Lactate
Lipase
Lactate Dehydrogenase-LDH
Magnesium
Neonatal Bilirubin
Phosphorus
Protein (CSF)
Potassium
Triglycerides
Total & Direct Bilirubin
Total Protein
Urea Nitrogen
Uric Acid

TUMOUR MARKERS

Alpha Fetal Protein
CA 125
CA 15-3
CA 19-9
CEA
PSA, Total

PROFILES

Antenatal (CBC, Syp, HepBAG, Rub, HIV, BGAS)
Cardiac risk (Chol, TRIG, HDL, LDL)
BMP (NA, K, Cl, Glu, BUN, Creat, Ca)
Hepatitis screen (HepBAG, HepBAb, HepBcAB, HCV)
Iron studies (Ferritin, Iron, Tibc, %Sat)
Liver (ALB, TP, Glob, A/G, Tbil, ALT, AST, ALKP, GGT)

DRUGS

Acetaminophen
Alcohol
Carbamazepine (TEG)
Digoxin
Gentamicin
Lithium
Phenobarbital
Phenytoin (Dilantin)
Salicylate
Valproic acid
Vancomycin

HORMONES

Beta HCG (quantitative)
Cortisol
C-peptide
Estradiol
Free T3
Free T4
FSH
Insulin
Luteinizing hormone-LH
Parathyroid hormone (intact)
Progesterone
Prolactin
Testosterone, total
TSH

CARDIAC MARKERS

NT pro-BNP
Homocysteine
Troponin I

SPECIAL CHEMISTRY

Apolipoprotein panel
Complement 3
Complement 4
CRP-ultra
Ferritin
Folate
Hepatitis B Antigen
Hepatitis B Surface Antibody
Hepatitis B core antibody
Hepatitis C antibody
HIV AG/AB Combo (4th generation)
Immunoglobulin A (IGA)
Immunoglobulin G (IGG)
Immunoglobulin M (IGM)
Kappa/lambda
Procalcitonin
Rheumatoid factor
Rubella
RPR
Serum Protein Electrophoresis
Serum Immunotyping
Syphilis
Vitamin B12
Vitamin D

URINE CHEMISTRY

Creatinine (random/24hr)
Creatinine Clearance* (serum Creatinine is required)
Calcium (random/24hr)
Glucose
Microalbumin (random/24hr)
Microalbumin/Creatinine Ratio
Potassium
Protein (random/24hr)
Sodium
Total Protein/Creatinine Ratio
Urine Protein Electrophoresis (random/24hr)
Urine Immunotyping



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HAEMATOLOGY

Antithrombin III
APTT
CBC
Coagulation Screen
D-Dimer
ESR
Fibrinogen
Free Protein S Ag
Hgb Electrophoresis
Mono-Spot
PT (INR)
Parasite Evaluation
Protein C Activity
Reticulocyte Count
Sickle Screen

TRANSFUSION SERVICES

Antibody Identification
Antibody Titre
Blood Group Type & Screen
Cold Agglutinin
Crossmatch
Direct Coombs Test
Kleihaur-Betke Test

MICROBIOLOGY

Acid fast bacilli staining
Blood culture
BV, TV and yeast (microscopy)
C. Difficile antigen and toxin test
Cerebrospinal fluid culture and cell count
Chlamydia/Gonorrhea NAT
Contact lens/fluid culture
Crypto/Giardia
Ear culture*
Extended respiratory virus panel (available upon request) – 22 pathogen (viral and atypical bacteria)
Eye culture – inner eye, vitreous fluid, corneal scrapings
Fungal culture*
Fungal microscopy
Genital culture
Gonorrhoea culture
Group B Strep Screen*
IUD culture
MRSA screen (culture)*

Mycobacterium TB complex and Atypical Mycobacterium culture
Norovirus EIA
Peritoneal Dialysis Fluid (culture and cell count)
Rapid plasma reagin
Respiratory virus panel (targeted) – Flu A/B, RSV and SARScov2
Rotavirus EIA
Semen analysis
Sinus aspirate culture
Sputum/tracheal aspirate culture
Sterile fluids culture (peritoneal fluid, pleural fluid, ascitic fluid, joint fluid, bronchoalveolar lavage)
Stool culture*
Throat culture
Tissue/biopsy/bone culture
Urethral culture
Urinalysis
Urine culture – cystoscopy, suprapubic, catheter*
Vancomycin Resistant Enterococci Screen (culture)*

**Not accompanied by gram stain*

List of available tests is subject to change.

For non-BHB patients, the Department of Pathology will not be responsible for preparing or shipping samples for testing outside of this list to other institutions.