

Medical Biochemistry Department

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LABORATORY CONSORTIUM

Basic Metabolic Scan

TEST

1. Urinalysis
2. Liver Function Tests (LFTS)
ALT GGT Tbil TP
AST ALP Dbil Alb
3. Renal Function Tests (RFTs)
Creatinine Urea
4. Electrolytes
Na, K and Cl
5. Hematology
CBC
6. Random Blood Sugar(RBS)
7. Common Infections
Malaria RDT
TH-pylori Ag RDT
Syphilis (TPHA RDT)
HIV 1& 2 Serology
Typhoid Screening
Brucella Screening

Rapid Diagnostic test

- SARS-COV-2(COVID 19)
Urine HCG
Hep B Abs
Hep B Ag
Hep C Abs
Hep C Ag

Immunological Arrays

- Immunoglobulin A
Immunoglobulin G
Immunoglobulin M
Complement C3 Kit
Complement C4 Kit

Comprehensive (Full Body) Metabolic Scan

BASIC METABOLIC SCAN PLUS

- o Basic Renal Function Tests (RFTs) **PLUS**
Uric Acid
Creatinine Clearance
- o Electrolytes **PLUS**
+ Extended Lytes
- Inorganic Chemistry
Calcium Magnesium
CO2 (Bicarbonate) PO4 (Phosphate)



- o **CBCPLUS ESR**
- o C-Reactive Proteins
- o Lipid Profile
Total Cholesterol
Triglycerides
HDL
LDL
- o Diabetic Panel
Random Blood Sugar (RBS)
Fasting Blood Sugar(FBS)
HbA1c
Glucose Tolerance test



Specialists' Metabolic Scan

IMMUNO CHEMISTRY PLUS

1. Anaemia Profile
VIT B12
Iron
Transferin
Folate
2. Blood Clotting
G6PD
Normalized Ratio)
D-Dimer
PT/INR (Prothrombin Time/ International
3. Cardiac Profile
CKMB CK
LDH AST
4. Troponin 1 High Sensitivity
5. Bone Profile
Alkaline Phosphatase
VIT -D
Parathyroid Hormone
6. Thyroid Profile Tests
TSH T4 T3
Iodine
7. Endocrine Array
Cortisol (AM and PM)
8. Pancreatic Tests
Lipase
Amylase
9. Prostatic Tests
PSA
10. Bio Markers
Catalase
Malondialdehyde
(Oxidative Stress Marker)
Glutathione
11. Tumor Markers
ALPHA Feto-protein
CEA
Para protein
C125
12. Fertility Tests
LH FSH B-HCG
Prolactin Progesterone
Testosterone Estrogen (E2)
13. Vitamins
VIT -C VIT-A

Infectious Diseases Molecular Diagnostic Arrays

1. Sexually Transmitted Infections Array

Nesseria gonorrhea (NG), Mycoplasma genitalium (MG)
Troponema pallidum (TP), Heamophylus ducreyi (HD), etc
Herpes simplex (HSV 1& 2),
Mycoplasma Hominis(MH),Ureaplamsa urealyticum(UU)

2. Urinary Tract Infections (UTI) Array

Escherichia coli, Acinetoabactor species, Citrpbacter species,
Klebsiella species, Eneterocater species, Proteus spp,
Pseudomonas agalactae, etc.
Fugal - Candida albicans

3. Chronic Lung Infection (CLI) Array

Viral-Adeno Virus, Influenza virus (A& B), Rhinovirus (A,B,C)
Respiratory syncytial Virus (A & B); etc.
Bacterial - Streptococcus pneumoniae (21 spp),
Streptoccud spp (19ssp), Haemophilus influenza,
Bordatella pertusis, Pseudomonas aerugiosa,
Mycobacteria avium complex (4 ssp),

4. SARs-COV-2 Array

SARS-COV-2 (COVID-19)

5. Extended Coronavirus Array

