

# Investigation

## HEMATOLOGY

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- Haemoglobin
- Total Leucocyte Count (WBC)
- Red Blood Cell Count (RBC)
- Differential Count (WBC)
- ESR
- Blood Routine Examination
- Packed Cell Volume (PCV)
- Erythrocyte Corpuscular Indices  
(MCV, MCH, MCHC)
- Platelet Count
- Absolute Eosinophil Count
- Absolute Neutrophil Count
- Reticulocyte Count<
- Malarial Parasite
- Complete Blood Count
- Malarial Parasite (Rapid Malaria)

## COAGULATION & IMMUNO HAEMATOLOGY

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- Bleeding time
- Clotting time
- Platelet Count
- Prothrombin Time
- Activated Partial Thromboplastin time
- Blood group and Rh Factor
- ABO grouping
- Rh Factor
- Direct Coomb's test (DCT)
- Indirect Coomb's test (ICT)
- Mantoux test
- Mantoux test (adults)
- LE Cells

## URINE ANALYSIS

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- Reaction
- PH

- Specific Gravity
- Albumin
- B.J.Protein
- Sugar
- Acetone
- Urobilinogen
- Bile Salts and Pigments
- Microscopic Examinations
- Urine Routine Examinations
- Pregnancy test

## MOTION ANALYSIS

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- Routine Analysis (ova,cyst,Amoeba)
- Concentration method for ova
- Occult blood
- Reducing Substance(Sugar)

## SEMEN ANALYSIS

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- Routine examination
- Sperm count (Total count)
- Post coital test.
- Semen Fructose

## Serological Examination

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- Widal (Disc Method)
- VDRL
- ASO
- R F
- CRP

## MICROBIOLOGY

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- Culture and sensitivity blood
- Culture and sensitivity other body fluids
- Culture and sensitivity Urine

- Culture and sensitivity Pus
- AFB Smear Sputum
- AFB Stain for othet body fluids
- AFB Stain for Urine Deposit
- Grams's Stain
- Smear for Lepra Bacilli
- Scrapping for fungus
- Hanging drop preparation for V.C
- Water C/S
- KOH preparation of Skin/Nail Clippings
- Indian ink preparation for Cryptococcai
- Sterility Checking of Theatre in hospital
- Sterility Checking of Each Swab
- Drain tip C/s

## BIOCHEMISTRY

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- Blood sugar
- Bilirubin (Total)
- Bilirubin (Direct)
- SGOT(AST)
- SGPT(ATL)
- Alkaline phosphatase
- Total protein
- Albumin
- GGT
- Blood Urea
- S.Creainine
- S.Uric acid
- Sodium
- Potassium
- Chloride
- Total Cholesterol
- HDL Cholestrol(Direct)
- Triglycerides
- LDL Cholestrol(Direct)
- VLDL
- Hb A1c(Glycosylated Hb)
- CPK
- CPK-MB

- Amylase
- LDH
- GTT
- GTT(Extended)
- GCT
- Calcium
- Electrophoresis
- Phosphorous
- Acid Phosphatase (Total)
- Acid Phosphatase (Prostatic)
- Iron
- T I B C
- CSF Analysis
- Pleural Fluid Analysis
- Peritoneal Fluid Analysis
- Synovial Fluid Analysis
- Lithium
- ADA
- LIPASE

## Lipid Profile

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- Serum Cholesterol
- Triglycerides
- VLDL
- HDL Cholesterol (Direct)
- LDL Cholesterol (Direct)

## Liver Function Test

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- Serum Bilirubin (Total)
- Serum Bilirubin (Direct)
- Serum Bilirubin (In Direct)
- SGOT (AST)
- SGPT (ALT)
- Alkaline Phosphatase
- Total Protein
- Serum Albumin
- Globulin

- GGT
- Prothromin Time

## Renal Function Test

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- Blood Urea
- Serum Creatinine
- Serum Uricacid

## Bio Chemical Estimation of Urine

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- Protein (Spot & 24 Hrs)
- Creatinine (Spot & 24 Hrs)
- Calcium (Spot & 24 Hrs)
- Uric Acid (Spot & 24 Hrs)
- Chloride (Spot & 24 Hrs)
- Creatinine Clearance
- VMA (Spot & 24 Hrs)
- Mico Albumin (Spot & 24 Hrs)
- Urine Sodium
- Urine Potassium
- Urine Amylase

## HORMONES

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- TFT
- T3
- T4
- TSH
- Free T3
- Free T4
- FSH
- LH
- Prolactin
- Insulin
- P.S.A
- Cortisol
- Testosterone

- Alpha Feto Protein
- CA 125
- Ferritin
- Beta HCG
- Troponin I
- Ig E

## IMMUNOLOGICAL STUDIES

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- HIV Screening
- HIV Elisa
- HIV Duo ultra sensitive Early & Confirmatory
- HBs Ag Screening
- HBs Ag Elisa
- HCV Screening
- HCV Elisa
- ANA
- TB Ig G
- TB Ig M
- TB Ig A
- Chikun gunya Antibody
- Dengue Antibody
- Leptospiral Antibody
- HBe Ag
- Anti HBe
- HAV Ig M
- HEV
- Toxoplasma IgG
- Toxoplasma IgM
- Rubella IgG
- Rubella IgM
- CMV IgG
- CMV IgM
- Torch IgG/IgM
- Torch IgG and IgM

## SPECIAL TESTS ON REQUEST

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- Progesterone

- Estradiol
- PTH
- HGH(Human Growth Hormone)
- Anti thyroglobulin Antibody
- Anti Microsomal Antibody
- CEA

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- 24Hr.Urine Oxalate
  - Aminogram
  - Anti mitochondrial AB.
  - ACTH
  - Anti Measles Antibody
  - Anti Smooth Muscle Antibody
  - Aldolase
  - AMH
  - Anti ccp
  - Apolipoprotien A1
  - Apolipoprotien b
  - Brucella IgG
  - Brucella IgM
  - BETA HCG,Free
  - Bete 2 glycoprotien
  - Calcitonin
  - Ceruloplasmin
  - C-peptide
  - CA 19-9
  - CA 15-3
  - Erythropoetin
  - Fructosmine
  - Free Testosterone
  - Free PSA
  - Follic Acid
  - Hb Electrophoresis
  - IGA(Immunology A)
  - IGM(Immunology M)
  - IGG(Immunology)
  - Lactate
  - Lipoprotein(a)
  - Myoglobin
  - Mumps IgG

- Mumps IgM
- P 24 Antigen
- Progestrone
- Renal stone analysis
- Transferrin
- Testosterone
- Thyroglobulin Leval
- Varicella Ig G
- Vitamine B12
- Vitamine D3
- Vitamine D ( 25 hydroxy)
- Vitamine E

**Etc.....**