

Team SN Kolkata Laboratory Services

Dr. Parama Ghosh, MBBS,MD (School Of Tropical Medicine,Kolkata)
ECFMG Certified(USA)
Consultant Microbiologist and Lab Incharge
Contact: (033) 6657 6000
(Ask for Microbiology lab)

Dr.Prithwjit Ghosh, MBBS,MD
(Consultant Pathologist)
Contact: (033) 6657 6000
(Ask for Clinical pathology Lab)

Pushpendu Dutta (MSc Microbiology,MBA)
Microbiologist

Debdulal Majumder (DMLT)
Junior executive

Parikshit Saha (BSc, DMLT)
Junior executive

Raju prasad Gharti (DMLT)
Junior executive

Shipra Das (BA,DMLT)
Junior executive

Soheli Bhattacharjee (MSc Physiology,DMLT)
Lab Assistant

Our Centres



Establishment Name : SNK Mukundapur
Address - 147/1, Mukundapur, E.M. Bypass, Kolkata
- 700 099, India
Email - snk@snmail.org
Phone No - (033) 6657 6000

Establishment Name : SNK Rajarhat
Address - Plot No – DJ - 16, Premises No: 25-3333,
Action Area – 1D, New Town, Kolkata - 700 156, India
Email - snk@snmail.org
Phone No - (033) 6657 6000

Microbiology Laboratory : Ext. No. - 25
Clinical Pathology Laboratory : Ext. No. - 28, 35

Visit us at - <https://www.sankaranethralaya.org>

Like us at - <https://www.facebook.com/Sankaranethralaya.Officialpage>
<https://www.facebook.com/SNNewTownKolkata>



Aditya Birla Sankara Nethralaya



LABORATORY TESTS ON

- ★ Clinical Microbiology
- ★ Serology
- ★ Molecular Microbiology
- ★ Clinical Hematology & Clinical Pathology
- ★ Clinical Biochemistry

Bacteriology & Mycology

- Gram's stain
- KOH / Calcofluor (Fluorescent Microscopy)
- India Ink
- Giemsa stain
- ZN stain for AFB
- Bacterial Culture (Aerobic) for all samples including urine, pus, respiratory samples, CSF, stool and blood
- Bacterial Culture (Anerobic)
- Fungal Culture (including blood culture for fungi)



Serology

- Rheumatoid Arthritis (RA factor)
- Anti-streptolysin O (ASLO)
- C-Reactive Protein (CRP)
- Widal Test
- Hepatitis B Antigen (HBsAg) (ELISA)
- Antibodies to HIV1 & HIV2 (ELISA)
- Antibodies to Hepatitis C Virus (HCV) (ELISA)

TORCHES Panel

- Abs. to *Toxoplasma gondii* - IgG & IgM (ELISA)
- Abs. to Rubella Virus - IgG & IgM (ELISA)
- Abs. to Cytomegalo Virus (CMV) - IgG & IgM (ELISA)
- Abs. to Herpes Simplex Virus - IgG & IgM (ELISA)
- Non Treponemal (RPR) and Treponemal (TPHA)



Molecular Microbiology (Polymerase Chain Reaction Tests)

PCR is a rapid and reliable test for detection of even minute quantity of the infectious agent (much lower than that detected by conventional methods like microscopy or culture) from a wide range of clinical specimen within a very short time (<24 hrs).



- PCR for *Mycobacterium tuberculosis*
- PCR for Cytomegalovirus (CMV)
- PCR for Herpes Simplex Virus (HSV) type 1 & 2
- PCR for *Toxoplasma gondii*
- PCR for Eubacterial genome
- PCR for Panfungal genome
- PCR for *Propionibacterium acnes*

Hospital Infection Control

- We provide comprehensive hospital infection surveillance services with dedicated strategies for wards, HDUs, ICUs, OTs and biosafety cabinets
- Sampling done through conventional means as well as sophisticated slit air sampler
- Expert consultation on infection control strategy based on lab results

Clinical Hematology and Pathology

- Haemoglobin (Hb)% and haematocrit
- Total RBC Count
- Total WBC count / Differential count
- ESR
- Platelet count
- Blood smear study
- Blood smear for malaria parasites (MP)
- Blood Group & Rh typing
- Stool Routine Analysis, Occult Blood
- Prothrombin Time (PT)
- Partial Thromboplastin Time
- Bleeding Time & Clotting Time
- Mantoux Test

Clinical Biochemistry

- Blood Glucose (F/R/PP)
- Urea and Creatinine
- Cholesterol
- Liver Function Tests
- Billrubin (Total and Direct)
- Total Proteins & A : G. Ratio
- Alkaline Phosphatase
- ALT (SGPT)
- AST (SGOT)
- Lipid Profile
- Triacyl Glycerol (Triglycerides)

How to Send Samples

- Kindly make sure that all samples are properly labelled and contain all pertinent information like date and time of sample collection and the nature of investigation required.
 - All samples should be transported in appropriate leak proof container
 - Please contact the concerned laboratory (number given overleaf) for detailed instructions to be followed for collection of samples in case of individual tests.
- All samples are to be submitted in Room No. 13 (sample collection room), Ground Floor, Sankara Nethralaya Kolkata.