प्रदेश सरकार

स्वास्थ्य मन्त्रालय

प्रदेश जनस्वास्थ्य प्रयोगशाला

Province Public Health Laboratory

बिराटनगर-१४, पुरानो हवाई फिल्ड, कोशी प्रदेश

Biratnagar-14, Old Airport, Koshi Province, Nepal

DIRECTORY OF SERVICES

सम्पर्क नं.: +९७७-२१-५११०४९, ९८५२०४७२३७

Email: provincelab1@gmail.com / lr.provincelab1@gmail.com

Website: https://pphl.koshi.gov.np/

PREPAREDBY	REVIEWEDBY	APPROVEDBY	MAINTAINEDBY
Quality Officer	Laboratory In-Charge	Director	Quality Officer

प्रदेश जनस्वास्थ्य प्रयोगशालाको स्थापना / Establishment

नेपालमा प्रयोगशालाको सुरूवात विक्रम संवत् २०२१ सालमा वीर अस्पतालको प्याथोलोजी विभागबाट भएको थियो। यस पछि क्रमिक रूपमा विकास हुँदै विक्रम संवत् २०३४ सालमा यसलाई केन्द्रीय स्वास्थ्य प्रयोगशालाको रूपमा स्तरोन्नति गरिएकोमा विक्रम संवत् २०५० सालमा छुट्टै निकायको रूपमा राष्ट्रिय जनस्वास्थ्य प्रयोगशाला स्थापना भई संचालनमा रहेको छ। मुलुकले संघीय व्यवस्था अंगीकार गरेसँगै प्रदेशभर सरकारी र निजी स्तरबाट प्रदान गरिने प्रयोगशाला सेवालाई भरपर्दो, गुणस्तरीय र व्यवस्थित बनाउन तथा प्रत्येक प्रदेशमा कम्तीमा पनि एउटा विशिष्टीकृत रिफरेन्स प्रयोगशाला संचालन गर्ने उद्देश्यले संघीय सरकारबाट निर्णय भए अनुरूप २०७५ साल चैत्रमा प्रदेश सरकारले प्रदेश जनस्वास्थ्य प्रयोगशाला स्थापना गरेको हो।

The laboratory services in Nepal began in 2021 BS from the Pathology Department of Bir Hospital. It was upgraded to Central Health Laboratory in 2034 BS and established as a separate National Public Health Laboratory in 2050 BS. Following the adoption of the federal system, the Province Public Health Laboratory was established by the Province Government in Chaitra 2075 BS to provide reliable, quality and organized laboratory services across the province.

समष्टिगत कार्यविवरण / Overall Functions

- प्रदेश स्तरमा स्थापित प्रदेश जनस्वास्थ्य प्रयोगशालाले प्रयोगशाला परीक्षण सम्बन्धी सामान्य र विशेष सेवाहरुको साथै जनस्वास्थ्य संग सम्बन्धित कार्य गर्दै आएको छ।
- प्रयोगशालामा आधारित सर्भिलेन्स जस्तैः कोभिड-१९, एन्टीबोडी, थालेसेमिया, महिलाको पाठेघरको मुखको क्यान्सर स्क्रिनिङ्ग आदि।
- प्रयोगशाला परीक्षण सम्बन्धि गुणस्तरका कार्यहरु
- स्वास्थ्य प्रयोगशाला सम्बन्धि विभिन्न तालिमहरु जस्तैः गुणस्तर नियन्त्रण, सेवाकालीन, बायोसेफ्टी सम्बन्धी र एन्टी माइक्रोबियल रेसिस्टेन्स (AMR) सम्बन्धी तालिम तथा जाँच
- प्रयोगशाला दर्ताका लागि अनुगमन तथा मूल्याङ्कन सम्बन्धी कार्यहरु।

शाखागत कार्यविवरण / Branches

- नसर्ने रोग प्रयोगशाला शाखा (Non-communicable Disease Laboratory Branch)
- संक्रामक रोग प्रयोगशाला शाखा (Infectious Disease Laboratory Branch)
- गुणस्तर नियन्त्रण तथा तालिम शाखा (Quality Control and Training Branch)

IMMUNOASSAY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
Thyroid Function Test (FT3, FT4, TSH)	Serum	Daily	At least 2 ml	Same Day	Rs. 600/-
Ferritin	Serum	Daily	At least 2 ml	Same Day	Rs. 1000/-
ANTI CCP	Serum	Daily	At least 2 ml	Same Day	Rs. 1600/-
Anti TPO	Serum	Daily	At least 2 ml	Same Day	Rs. 850/-
Vitamin D-25	Serum	Daily	At least 2 ml	Same Day	Rs. 1500/-
Vitamin B-12	Serum	Daily	At least 2 ml	Same Day	Rs. 1250/-
Prolactin	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
FSH	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
LH	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
CEA	Serum	Daily	At least 2 ml	Same Day	Rs. 650/-
CA-125	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
CA-19.9	Serum	Daily	At least 2 ml	Same Day	Rs. 1050/-
PSA TOTAL	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
AFP	Serum	Daily	At least 2 ml	Same Day	Rs. 700/-
B-HCG*	Serum	Daily	At least 2 ml	Same Day	Rs. 700/-
CA-15.3*	Serum	Daily	At least 2 ml	Same Day	Rs. 750/-
Cortisol	Serum	Daily	At least 2 ml	Same Day	Rs. 600/-
Estradiol (Oestrogen, E2)	Serum	Daily	At least 2 ml	Same Day	Rs. 550/-
Folic acid*	Serum	Daily	At least 2 ml	Same Day	Rs. 900/-
Testosterone	Serum	Daily	At least 2 ml	Same Day	Rs. 600/-
Thyroglobulin*	Serum	Daily	At least 2 ml	Same Day	Rs. 800/-
TRAb (TSH Receptor Antibody)*	Serum	Daily	At least 2 ml	Same Day	Rs. 1500/-
C Peptide	Serum	Daily	At least 2 ml	Same Day	Rs. 700/-
TSH	Serum	Daily	At least 2 ml	Same Day	Rs. 250/-
Free T3	Serum	Daily	At least 2 ml	Same Day	Rs. 250/-
Free T4	Serum	Daily	At least 2 ml	Same Day	Rs. 250/-
ANA (Quantitative/CLIA)	Serum	Daily	At least 2 ml	Same Day	Rs. 1000/-
Anti Ds-DNA	Serum	Daily	At least 2 ml	Same Day	Rs. 1000/-
ACTH*	Serum	Daily	At least 2 ml	Same Day	Rs. 1200/-
Total IgE	Serum	Daily	At least 2 ml	Same Day	Rs. 800/-
NT-PRO BNP	Serum	Daily	At least 2 ml	Same Day	Rs. 2000/-
Anti Thyroglobulin Antibody*	Serum	Daily	At least 2 ml	Same Day	Rs. 800/-
AMH	Serum	Daily	At least 2 ml	Same Day	Rs. 4000/-
Insulin*	Serum	Daily	At least 2 ml	Same Day	Rs. 700/-
Double Marker (Down's Syndrome) *	Serum	Daily	At least 3 ml	72 Hrs	Rs. 4000/-
Triple Marker (Down's Syndrome) *	Serum	Daily	At least 3 ml	72 Hrs	Rs. 4500/-
Quadruple Marker (Down's Syndrome) *	Serum	Daily	At least 3 ml	72 Hrs	Rs. 4000/-

** Outsourced tests*

MICROBIOLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
Blood C/S	Whole Blood	Daily	At least 5 ml	72 Hrs	Rs. 250/-
Urine C/S	Urine	Daily	At least 10 ml	72 Hrs	Rs. 250/-
Sputum C/S	Sputum	Daily	At least 3 ml	72 Hrs	Rs. 250/-
Pus C/S	Pus Swab	Daily	Wet Swab	72 Hrs	Rs. 250/-
Throat Swab C/S	Swab	Daily	Wet Swab	72 Hrs	Rs. 250/-
Stool C/S	Stool	Daily	At least 5 gm	72 Hrs	Rs. 250/-
Body Fluid C/S	Body Fluid	Daily	At least 2 ml	72 Hrs	Rs. 250/-
Fungal C/S	Microbiological Specimen	Daily	Adequate	7-14 Days	Rs. 250/-
Gram Stain	Microbiological Specimen	Daily	Adequate	24 Hrs	Rs. 100/-
AFB Stain	Microbiological Specimen	Daily	Adequate	24 Hrs	0
KOH Preparation	Microbiological Specimen	Daily	Adequate	Next Day	Rs. 100/-
Widal Test	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
Culture and Sensitivity	Specimens for aerobic culture	Daily	Adequate	72 Hrs	Rs. 250/-
Bactec For Blood Culture	Blood	Daily	At least 5 ml	48-72 Hrs	Rs. 700/-

PARASITOLOGY / CLINICAL PATHOLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
Urine R/E	Urine	Daily	At least 10 ml	Same Day	Rs. 25/-
Stool R/E	Stool	Daily	Adequate	Same Day	Rs. 25/-
Stool Occult Blood	Stool	Daily	Adequate	Same Day	Rs. 25/-
H. Pylori (Antigen-Stool)	Stool	Daily	Adequate	Same Day	Rs. 450/-
Reducing Sugar	Stool	Daily	Adequate	Same Day	Rs. 55/-
Acetone	Urine	Daily	At least 10 ml	Same Day	Rs. 25/-
Bence Jones Protein	Urine	Daily	At least 10 ml	Same Day	Rs. 50/-
Urine Pregnancy Test	Urine	Daily	At least 10 ml	Same Day	Rs. 100/-
Urine Sugar	Urine	Daily	At least 10 ml	Same Day	Rs. 25/-
Urine For Parasites	Urine	Daily	At least 10 ml	Same Day	Rs. 50/-
Urine For Chemical studies	Urine	Daily	At least 10 ml	Same Day	Rs. 100/-

HAEMATOLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
CBC	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 250/-
ESR	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
Platelets	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
MCV	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
MCH	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
MCHC	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
RDW	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
PCV	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
Total Count / Total Leucocyte Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
Differential Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
C3	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 700/-
C4	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 700/-
MP Antigen RDT	EDTA Whole Blood	Daily	At least 2 ml	Same Day	0
MP (Haemoparasites)	EDTA Whole Blood	Daily	At least 2 ml	24 Hrs	0
Comment on PBS with CBC	EDTA Whole Blood	Daily	At least 2 ml	24 Hrs	Rs. 350/-
PBS	EDTA Whole Blood	Daily	At least 2 ml	24 Hrs	Rs. 250/-
Reticulocyte Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 50/-
Prothrombin Time (PT-INR)	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 100/-
Absolute Eosinophil Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 50/-
Absolute Neutrophil Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 50/-
Absolute Total Lymphocyte Count	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 50/-
Blood Grouping & Rh typing	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 50/-
HCT/PCV	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
HB	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 25/-
APTT	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 150/-
D-Dimer	Citrated Whole Blood	Daily	At least 2 ml	Same Day	Rs. 500/-
HB Electrophoresis*	EDTA Whole Blood	Daily	At least 2 ml	30 Days	Rs. 1500/-
Protein Electrophoresis*	Serum	Daily	At least 2 ml	30 Days	Rs. 1500/-
Sickling test	EDTA Whole Blood	Daily	At least 2 ml	24 Hrs	Rs. 25/-
MF	EDTA Whole Blood	Daily	At least 2 ml	24 Hrs	0
HbA1c	EDTA Whole Blood	Daily	At least 2 ml	Same Day	Rs. 550/-
CSF DC	CSF	Daily	At least 2 ml	24 Hrs	Rs. 25/-
CSF TC	CSF	Daily	At least 2 ml	24 Hrs	Rs. 25/-
Bone Marrow Study	Bone Marrow	Daily	At least 2 ml	7 Days	Rs. 150/-

IMMUNOLOGY / SEROLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
RA Factor (TEST)	Serum	Daily	At least 1 ml	Same Day	Rs. 100/-
RA Factor (TITER)	Serum	Daily	At least 1 ml	Same Day	Rs. 200/-
CRP (TEST)	Serum	Daily	At least 1 ml	Same Day	Rs. 100/-
CRP (TITER)	Serum	Daily	At least 1 ml	Same Day	Rs. 150/-
ASO (TEST)	Serum	Daily	At least 1 ml	Same Day	Rs. 150/-
ASO (TITER)	Serum	Daily	At least 1 ml	Same Day	Rs. 200/-
RPR (TEST)	Serum	Daily	At least 1 ml	Same Day	Rs. 100/-
RPR (TITER)	Serum	Daily	At least 1 ml	Same Day	Rs. 150/-
ASO QUANTITATIVE	Serum	Daily	At least 1 ml	Same Day	Rs. 300/-
CRP QUANTITATIVE	Serum	Daily	At least 1 ml	Same Day	Rs. 500/-
RA FACTOR QUANTITATIVE	Serum	Daily	At least 1 ml	Same Day	Rs. 300/-
Brucella Ab	Serum	Daily	At least 1 ml	Same Day	Rs. 150/-
K-39 Ab / RK-39	Serum	Daily	At least 1 ml	Same Day	Rs. 300/-
H. Pylori (IgG)	Serum	Daily	At least 1 ml	Same Day	Rs. 350/-
H. Pylori Antigen (Stool)	Stool	Daily	At least 1 ml	Same Day	Rs. 450/-
Urine Pregnancy Test	Urine	Daily	At least 1 ml	Same Day	Rs. 100/-
Leptospira (Ab)	Serum	Daily	At least 1 ml	Same Day	Rs. 400/-
Dengue Rapid	Serum	Daily	At least 1 ml	Same Day	Rs. 800/-
Chikungunya	Serum	Daily	At least 1 ml	Same Day	0
Scrub Typhus	Serum	Daily	At least 1 ml	Same Day	Rs. 500/-
TPHA	Serum	Daily	At least 1 ml	24 Hrs	Rs. 200/-
TPHA In Dilution	Serum	Daily	At least 1 ml	24 Hrs	Rs. 250/-
Typhoid IgG/IgM	Serum	Daily	At least 1 ml	Same Day	Rs. 400/-
India Ink	CSF	Daily	At least 1 ml	24 Hrs	Rs. 25/-
Water Bacteriology	Water	Daily	At least 40 ml	72 Hrs	Rs. 700/-

VIROLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
HBeAg (CLIA)	Serum	Daily	At least 2 ml	Friday	Rs. 1000/-
Anti HBs(CLIA)*	Serum	Daily	At least 2 ml	10 Days	Rs. 1000/-
HCV Viral Load	Plasma	Daily	At least 2 ml	Tuesday	Rs. 5000/-
HIV DNA PCR	Plasma	Daily	At least 2 ml	24 Hrs	Rs. 150/-
HBV Viral load	Plasma	Daily	At least 2 ml	Monday	Rs. 5000/-
HIV Viral Load	Plasma	Daily	At least 2 ml	24 Hrs	0
HIV Rapid	Serum	Daily	At least 2 ml	Same Day	0
HBsAg Rapid	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
HCV Rapid	Serum	Daily	At least 2 ml	Same Day	Rs. 300/-
HAV Rapid	Serum	Daily	At least 2 ml	Same Day	Rs. 500/-
HEV Rapid	Serum	Daily	At least 2 ml	Same Day	Rs. 500/-

BIOCHEMISTRY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
24 Hours Urine Protein	Urine	Daily	At least 2 ml	Same Day	Rs. 150/-
A/G Ratio	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
ADA	Body Fluid/Blood	Daily	At least 2 ml	Same Day	Rs. 350/-
Albumin	Serum	Daily	At least 2 ml	Same Day	Rs. 75/-
Alkaline Phosphatase	Serum	Daily	At least 2 ml	Same Day	Rs. 50/-
Alpha Amylase	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
Bilirubin D	Serum	Daily	At least 2 ml	Same Day	Rs. 25/-
Bilirubin T	Serum	Daily	At least 2 ml	Same Day	Rs. 25/-
Calcium	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
Cholesterol	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
CK MB	Serum	Daily	At least 2 ml	Same Day	Rs. 300/-
CPK	Serum	Daily	At least 2 ml	Same Day	Rs. 200/-
Creatinine	Serum/Urine	Daily	At least 2 ml	Same Day	Rs. 50/-
CSF Analysis	CSF	Daily	At least 500 µl	24 Hrs	Rs. 400/-
CSF Glucose	CSF	Daily	At least 500 µl	Same Day	Rs. 25/-
CSF T Protein	CSF	Daily	At least 500 µl	Same Day	Rs. 50/-
Fluid Albumin	Body Fluid	Daily	At least 2 ml	Same Day	Rs. 75/-
Fluid Glucose	Body Fluid	Daily	At least 2 ml	Same Day	Rs. 25/-
Fluid Total Protein	Body Fluid	Daily	At least 2 ml	Same Day	Rs. 75/-
Gamma GT	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
GCT	Serum	Daily	At least 2 ml	Same Day	Rs. 50/-
Magnesium	Serum	Daily	At least 2 ml	Same Day	Rs. 500/-
Globulin	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
Glucose F	Serum	Daily	At least 2 ml	Same Day	Rs. 25/-
Glucose PP	Serum	Daily	At least 2 ml	Same Day	Rs. 25/-
GTT	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
GTT 100 GM	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
GTT 75 GM	Serum	Daily	At least 2 ml	Same Day	Rs. 50/-
HDL	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
Iron	Serum	Daily	At least 2 ml	Same Day	Rs. 250/-
LDH	Serum/Body Fluid	Daily	At least 2 ml	Same Day	Rs. 200/-
LDL	Serum	Daily	At least 2 ml	Same Day	Rs. 300/-
LFT	Serum	Daily	At least 2 ml	Same Day	Rs. 400/-
Lipase	Serum	Daily	At least 2 ml	Same Day	Rs. 300/-
Lipid Profile	Serum	Daily	At least 2 ml	Same Day	Rs. 500/-
Phosphorus	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
RFT	Serum	Daily	At least 2 ml	Same Day	Rs. 550/-
Serum Potassium	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
Serum Sodium	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
Serum Chloride	Serum	Daily	At least 2 ml	Same Day	Rs. 150/-
SGOT	Serum	Daily	At least 2 ml	Same Day	Rs. 75/-
SGPT	Serum	Daily	At least 2 ml	Same Day	Rs. 75/-

TIBC (Total Iron Binding Capacity)/UIBC	Serum	Daily	At least 2 ml	Same Day	Rs. 200/-
Triglyceride	Serum	Daily	At least 2 ml	Same Day	Rs. 100/-
Troponin-I	Serum	Daily	At least 2 ml	Same Day	Rs. 600/-
Urea/BUN	Serum/Urine	Daily	At least 2 ml	Same Day	Rs. 50/-
Uric Acid	Serum/Urine	Daily	At least 2 ml	Same Day	Rs. 100/-
Urine Albumin Creatinine Ratio	Urine	Daily	At least 2 ml	Next Day	Rs. 550/-
Serum Osmolarity	Serum	Daily	At least 2 ml	Next Day	Rs. 375/-
Urine Potassium	Urine	Daily	At least 2 ml	Next Day	Rs. 150/-
Urine Sodium	Urine	Daily	At least 2 ml	Next Day	Rs. 150/-
Urine Chloride	Urine	Daily	At least 2 ml	Next Day	Rs. 150/-
Urine PCR (SPOT/24 HR)	Urine	Daily	At least 2 ml	Same Day	Rs. 200/-
Microalbumin	Urine	Daily	At least 2 ml	Same Day	Rs. 500/-
Urine Osmolarity	Urine	Daily	At least 2 ml	Same Day	Rs. 375/-
24 hr urinary Creatinine Clearance Test	Urine/Serum	Daily	At least 2 ml	Same Day	Rs. 100/-

MOLECULAR

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
HBV Quantitative PCR	Plasma	Daily	At least 3 ml	Monday	Rs. 5000/-
HCV Quantitative PCR	Plasma	Daily	At least 3 ml	Tuesday	Rs. 5000/-
HPV PCR	Swab in VTM	Daily	At least 3 ml	Wednesday	Rs. 1500/-
HLA-B27 PCR	EDTA Whole Blood	Daily	At least 3 ml	Thursday	Rs. 2500/-
CD4 Count	EDTA Whole Blood	Daily	At least 3 ml	24 Hrs	0

HISTOCYTOPATHOLOGY

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
Biopsy Minor	Biopsy	Sample Brought to PPHL	Adequate	25 Days	Rs. 800/-
Biopsy Major	Biopsy	Sample Brought to PPHL	Adequate	25 Days	Rs. 1000/-
Fluid/Sputum Cytology	Sputum/Fluid	Sample Brought to PPHL	Adequate	4 Days	Rs. 350/-
FNAC	Needle Aspiration	Sample Brought to PPHL	Adequate	4 Days	Rs. 500/-
Liquid Based Cytology	Cervical Smear	Sample Brought to PPHL	Adequate	4 Days	Rs. 600/-
PAP Smear	Cervical Smear	Sample Brought to PPHL	Adequate	4 Days	Rs. 250/-
Bone Marrow Studies	Bone Marrow Aspiration	Daily	Adequate	4 Days	Rs. 350/-

INFLUENZA CENTRE

TEST NAME	SAMPLE TYPE	COLLECTION	SAMPLE VOLUME	REPORTING TIME	RATE
SARS COV-2 PCR	Naso/Throat Swab	Daily	At least 2 ml	24 Hrs	Rs. 800/-
SARS COV-2 (GeneXpert)	Naso/Throat Swab	Daily	At least 2 ml	24 Hrs	Rs. 800/-
Influenza PCR	Naso/Throat Swab	Daily	At least 2 ml	24 Hrs	Rs. 1500/-
Influenza Subtyping (A/H1N1 pdm09, A/H3, A/H5, A/H7)*	Naso/Throat Swab	Daily	At least 2 ml	7 Days	Rs. 2500/-

** Outsourced tests*

HEALTH PACKAGES

PREMIUM HEALTH PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	Urine R/E	URINE	Rs. 25/-
2	RFT	SERUM	Rs. 550/-
3	LIPID PROFILE	SERUM	Rs. 500/-
4	CBC	EDTA WHOLE BLOOD	Rs. 250/-
5	ESR	CITRATED WHOLE BLOOD	Rs. 25/-
6	URIC ACID	SERUM	Rs. 100/-
7	IRON	SERUM	Rs. 250/-
8	GLUCOSE F	SERUM	Rs. 25/-
9	LFT	SERUM	Rs. 400/-
10	CALCIUM	SERUM	Rs. 100/-
11	FREE TFT	SERUM	Rs. 600/-
	TOTAL		Rs. 2825/-
13	PSA (ONLY FOR MALE) — Added for above 40	SERUM	Rs. 750/-
14	CA125 (ONLY FOR FEMALE) — Added for above 40	SERUM	Rs. 750/-
	TOTAL AMOUNT (with add-on)		Rs. 3575/-

BASIC HEALTH PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	GLUCOSE F	SERUM	Rs. 25/-
2	CBC	EDTA WHOLE BLOOD	Rs. 250/-
3	ESR	CITRATED WHOLE BLOOD	Rs. 25/-
4	TSH	SERUM	Rs. 250/-
5	BILIRUBIN T	SERUM	Rs. 25/-
6	BILIRUBIN D	SERUM	Rs. 25/-
7	SGPT	SERUM	Rs. 75/-
8	CHOLESTEROL	SERUM	Rs. 100/-
9	TRIGLYCERIDE	SERUM	Rs. 100/-
10	CREATININE	SERUM	Rs. 50/-
	TOTAL AMOUNT		Rs. 925/-

ANTENATAL PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	HB ELECTROPHORESIS	EDTA WHOLE BLOOD	Rs. 1500/-
2	URINE R/E	URINE	Rs. 25/-
3	HCV RAPID	SERUM	Rs. 300/-
4	TSH	SERUM	Rs. 250/-
5	HBsAg RAPID	SERUM	Rs. 150/-
6	HIV RAPID	SERUM	0

7	BLOOD GROUPING	EDTA WHOLE BLOOD	Rs. 50/-
8	VDRL/RPR	SERUM	Rs. 100/-
9	Hemoglobin	EDTA WHOLE BLOOD	Rs. 25/-
	TOTAL AMOUNT		Rs. 2400/-

MEGA DIABETES PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	GLUCOSE F/PP	SERUM	Rs. 50/-
2	RFT	SERUM	Rs. 550/-
3	URINE R/E	URINE	Rs. 25/-
4	HbA1c	SERUM	Rs. 550/-
5	MICROALBUMIN	SERUM	Rs. 500/-
6	LIPID PROFILE	SERUM	Rs. 500/-
7	CBC	EDTA WHOLE BLOOD	Rs. 250/-
	TOTAL AMOUNT		Rs. 2425/-

MINI DIABETES PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	GLUCOSE F	SERUM	Rs. 25/-
2	RFT	SERUM	Rs. 550/-
3	URINE R/E	URINE	Rs. 25/-
4	HbA1c	SERUM	Rs. 550/-
5	MICROALBUMIN	SERUM	Rs. 500/-
	TOTAL AMOUNT		Rs. 1650/-

PRECONCEPTIONAL HEALTH PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	GLUCOSE F	SERUM	Rs. 25/-
2	RFT	SERUM	Rs. 550/-
3	URINE R/E	URINE	Rs. 25/-
4	HB ELECTROPHORESIS	SERUM	Rs. 1500/-
5	HCV RAPID	SERUM	Rs. 300/-
6	HBsAg RAPID	SERUM	Rs. 150/-
7	HIV RAPID	SERUM	0
8	CBC	EDTA WHOLE BLOOD	Rs. 250/-
9	LFT	SERUM	Rs. 400/-
10	LIPID PROFILE	SERUM	Rs. 500/-
11	TFT	SERUM	Rs. 600/-
	TOTAL AMOUNT		Rs. 4300/-

CARDIAC PROFILE

SN	TESTS	SAMPLE TYPE	RATE
1	CPK	SERUM	Rs. 200/-
2	CK MB	SERUM	Rs. 300/-
3	SGOT	SERUM	Rs. 75/-
4	TROPONIN	SERUM	Rs. 600/-
5	LDH	SERUM	Rs. 200/-
	TOTAL AMOUNT		Rs. 1375/-

BONE & JOINT PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	CBC	EDTA WHOLE BLOOD	Rs. 250/-
2	ESR	CITRATED WHOLE BLOOD	Rs. 25/-
3	ALP	SERUM	Rs. 50/-
4	RA	SERUM	Rs. 100/-
5	CRP	SERUM	Rs. 100/-
6	URIC ACID	SERUM	Rs. 100/-
7	CALCIUM	SERUM	Rs. 100/-
8	VITAMIN D	SERUM	Rs. 1500/-
	TOTAL AMOUNT		Rs. 2225/-

MINI BONE & JOINT PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	CBC	EDTA WHOLE BLOOD	Rs. 250/-
2	ESR	CITRATED WHOLE BLOOD	Rs. 25/-
3	ALP	SERUM	Rs. 50/-
4	RA	SERUM	Rs. 100/-
5	CRP	SERUM	Rs. 100/-
6	URIC ACID	SERUM	Rs. 100/-
7	CALCIUM	SERUM	Rs. 100/-
	TOTAL AMOUNT		Rs. 725/-

OBESITY PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	GLUCOSE	SERUM/PLASMA	Rs. 25/-
2	TFT	SERUM	Rs. 600/-
3	LIPID PROFILE	SERUM	Rs. 500/-
4	CREATININE	SERUM	Rs. 50/-
5	URIC ACID	SERUM	Rs. 100/-
6	CORTISOL	SERUM	Rs. 600/-
	TOTAL AMOUNT		Rs. 1875/-

NEOPLASMA (MALIGNANCY) PANEL

SN	TESTS	SAMPLE TYPE	RATE
1	ALPHA FETO PROTEIN (AFP)	SERUM	Rs. 700/-
2	CARCINOEMBRYONIC ANTIGEN (CEA)	SERUM	Rs. 650/-
3	B-HCG	SERUM	Rs. 700/-
4	LDH	SERUM	Rs. 200/-
5	ALKALINE PHOSPHATE	SERUM	Rs. 50/-
	TOTAL AMOUNT		Rs. 2300/-

CHILD HEALTH CHECKUP PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	CBC	EDTA WHOLE BLOOD	Rs. 250/-
2	ESR	EDTA WHOLE BLOOD	Rs. 25/-
3	CALCIUM	SERUM	Rs. 100/-
4	PHOSPHOROUS	SERUM	Rs. 100/-
5	BLOOD GROUPING	EDTA WHOLE BLOOD	Rs. 50/-
6	LFT	SERUM	Rs. 400/-
7	UREA	SERUM	Rs. 50/-
8	CREATININE	SERUM	Rs. 50/-
9	TSH	SERUM	Rs. 250/-
10	GROWTH HORMONE	SERUM	Rs. 600/-
11	STOOL R/E	STOOL	Rs. 25/-
12	URINE R/E	URINE	Rs. 25/-
	TOTAL AMOUNT		Rs. 1925/-

ANAEMIA PACKAGE

SN	TESTS	SAMPLE TYPE	RATE
1	CBC WITH PBS	EDTA WHOLE BLOOD	Rs. 350/-
2	IRON PROFILE	SERUM	Rs. 1450/-
3	VITAMIN B12	SERUM	Rs. 1250/-
4	FOLIC ACID	SERUM	Rs. 900/-
	TOTAL AMOUNT		Rs. 3950/-

INFECTIOUS MARKER

SN	TESTS	SAMPLE TYPE	RATE
1	RPR (VDRL)	EDTA WHOLE BLOOD	Rs. 100/-
2	HIV I & II ANTIBODY	SERUM	0
3	HBsAg	SERUM	Rs. 150/-
4	HCV Antibody	SERUM	Rs. 300/-
5	H. PYLORI Antigen	SERUM	Rs. 450/-
	TOTAL AMOUNT		Rs. 1000/-

IRONS AND VITAMINS

SN	TESTS	SAMPLE TYPE	RATE
1	IRON	SERUM	Rs. 250/-
2	TIBC/UIBC	SERUM	Rs. 200/-
3	FERRITIN	SERUM	Rs. 900/-
4	VITAMIN B12	SERUM	Rs. 1250/-
5	VITAMIN D TOTAL	SERUM	Rs. 1500/-
	TOTAL AMOUNT		Rs. 4100/-

GOUT PANEL

SN	TESTS	SAMPLE TYPE	RATE
1	URIC ACID	SERUM	Rs. 100/-
2	LIPID PROFILE	SERUM	Rs. 500/-
3	LFT	SERUM	Rs. 400/-
4	RFT	SERUM	Rs. 450/-
5	GLUCOSE	SERUM	Rs. 25/-
6	MICROALBUMIN	URINE	Rs. 500/-
	TOTAL AMOUNT		Rs. 1975/-

ARTHRITIS PANEL

SN	TESTS	SAMPLE TYPE	RATE
1	ESR	EDTA WHOLE BLOOD	Rs. 25/-
2	URIC ACID	SERUM	Rs. 100/-
3	RA FACTOR	SERUM	Rs. 100/-
4	CRP	SERUM	Rs. 100/-
5	ANA	SERUM	Rs. 1000/-
	TOTAL AMOUNT		Rs. 1325/-

FEVER PANEL

SN	TESTS	SAMPLE TYPE	RATE
1	CBC	EDTA WHOLE BLOOD	Rs. 250/-
2	ESR	EDTA WHOLE BLOOD	Rs. 25/-
3	TYPHOID IgG/IgM	SERUM	Rs. 400/-
4	BLOOD CULTURE	SERUM	Rs. 250/-
5	CRP	SERUM	Rs. 100/-
6	URINE R/E	URINE	Rs. 25/-
7	URINE C/S	URINE	Rs. 250/-
	TOTAL AMOUNT		Rs. 1300/-

RENAL PROFILE

SN	TESTS	SAMPLE TYPE	RATE
1	UREA	SERUM	Rs. 50/-
2	CREATININE	SERUM	Rs. 50/-
3	SODIUM	SERUM	Rs. 150/-
4	POTASSIUM	SERUM	Rs. 150/-
5	CHLORIDE	SERUM	Rs. 150/-
6	URIC ACID	SERUM	Rs. 100/-
7	CALCIUM	SERUM	Rs. 100/-
8	PHOSPHOROUS	SERUM	Rs. 100/-
9	PROTEIN	SERUM	Rs. 75/-
10	URINE R/E	URINE	Rs. 25/-
	TOTAL AMOUNT		Rs. 950/-

Sample Rejection Criteria

पिसाबको नमुनाका लागि

- कल्चरका लागि non-sterile कन्टेनरमा संकलन गरिएको पिसाब
- अपर्याप्त पिसाबको नमुना (<१० मिलिलिटर)
- दिसासँग मिसिएको पिसाब
- ढुवानीमा ढिलाइ
- चुहिने, दूषित वा अनुपयुक्त कन्टेनरमा संकलन गरिएको पिसाब
- प्रिजर्भेटिभ बिना २४ घण्टाभन्दा बढी राखिएको पिसाबको नमुना

रगतको नमुनाका लागि

- लेबल नभएको, गलत लेबल भएको वा नमिल्ने नमुना
- गलत नमुना कन्टेनर/प्रिजर्भेटिभ
- सिरिन्ज वा माइक्रो-सेन्ट्रीफ्युज ट्यूबमा राखिएको नमुना
- अपर्याप्त नमुनाको मात्रा
- गलत अनुपातमा नमुना र प्रिजर्भेटिभको मात्रा (कम वा बढी भरिएको ट्यूब)
- ढुवानीको अवस्था अनुपयुक्त (समय/तापक्रम)
- चुहिने कन्टेनर
- अत्यधिक हेमोलाईज्ड (रगत फुटेको) नमुना
- अत्यधिक लाइपेमिक (चिल्लो) नमुना
- एन्टिकोएगुलेन्ट भएका भाइलमा क्लट भएको नमुना

साधारण निर्देशन / General Instructions

- नमुना दिनु २४ घण्टा अघि सम्म कडा व्यायाम नगर्नुहोस्
- भोकै पेटमा गर्नुपर्ने परीक्षणहरुको लागि १०–१२ घण्टा पानी बाहेक अरु केहि नखानुहोस्
- नमुना दिनु १ घण्टा अघि सम्म धूमपान नगर्नुहोस्
- नमुना दिनु १५ मिनेट अघि सम्म आराम साथ बस्नुहोस्

विशेष निर्देशन / Special Instructions

- रगत चढाएको ३ महिना सम्म Haemoglobin electrophoresis का लागि नमुना नदिनुहोस्
- Cortisol परीक्षणकोलागि बिहान ८:०० देखि ९:०० बजे सम्ममा वा डाक्टरको सल्लाह अनुसारको समयमा नमुना दिनुहोस्
- Culture परीक्षणको नमुना औषधिको सेवन सुरु गर्नुभन्दा अघि दिनुहोस्
- पिसाबको नमुना संकलनका लागि शौचालयमा टासिएको क्लीन क्याच संकलन बिधि आपनाउनुहोस्
- खकारको जाँचकालागि थुक मात्र भएको नमुना नदिनुहोस्

PREPAREDBY	REVIEWEDBY	APPROVEDBY	MAINTAINEDBY
Quality Officer	Laboratory In-Charge	Director	Quality Officer

नमुना संकलनको समय तालिका / Sample Collection Timing

माघ १६ देखिकार्तिक १४ गतेसम्म: बिहान ७ बजेदेखिदिनको १:३० बजेसम्म

कार्तिक १५ गतेदेखिमाघ १५ गतेसम्म: बिहान ७ बजेदेखिदिनको १:३० बजेसम्म

रिपोर्ट बाइने समय तालिका / Report Collection Timing

माघ १६ देखिकार्तिक १४ सम्म: बिहान १० बजेदेखिदिनको ४ बजेसम्म

कार्तिक १५ गतेदेखिमाघ १५ गतेसम्म: बिहान १० बजेदेखि ३:०० बजेसम्म

Office will be closed on Public Holidays