



Mrs. SHILPA GANNA

WADALA, MUMBAI

Tel No : 9819169088

PIN No: 400037

PID NO: P112000280675

Age: 36.0 Year(s) Sex: Female



Reference: Dr.SELF PATIENT

Sample Collected At:

175:wadala dosti acres lah

Shop no 9 ground floor dosti apt , dosti

neptune chs ltd 1/141 1a/141, dosti

estate sm road wadala east mumbai - 37.

PROCESSING LOCATION:- Metropolis

Healthcare Ltd, Unit No. 409- 416, 4th

Floor, Commercial Building-1, Kohinoor

Mall, Mumbai-70

VID: 11219350005957

Registered On:

27/05/2021 12:40 PM

Collected On:

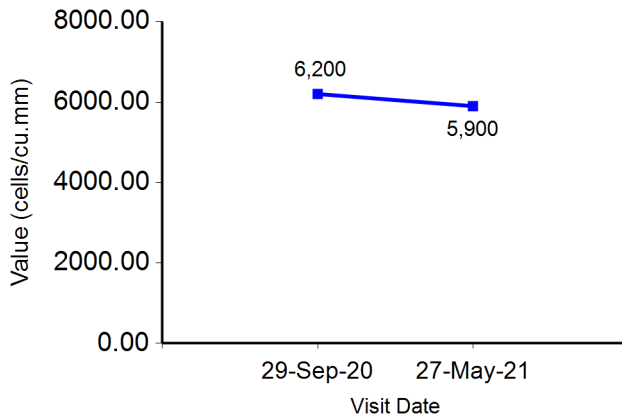
27/05/2021 12:41 PM

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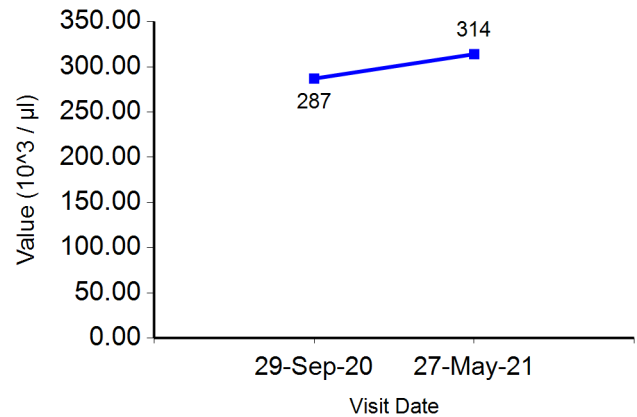
27/05/2021 07:50 PM

Result Trend (For selected tests used for followup)

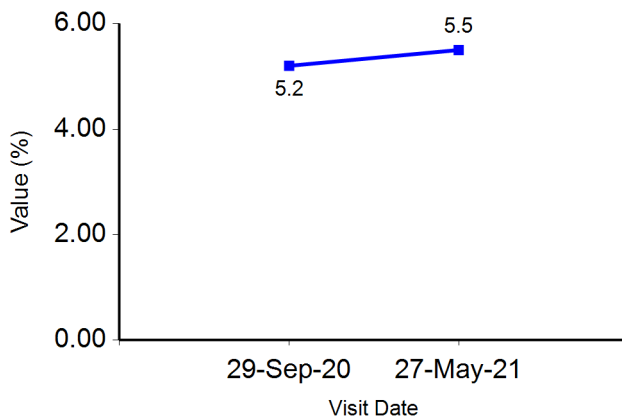
Total Leucocytes (WBC) count



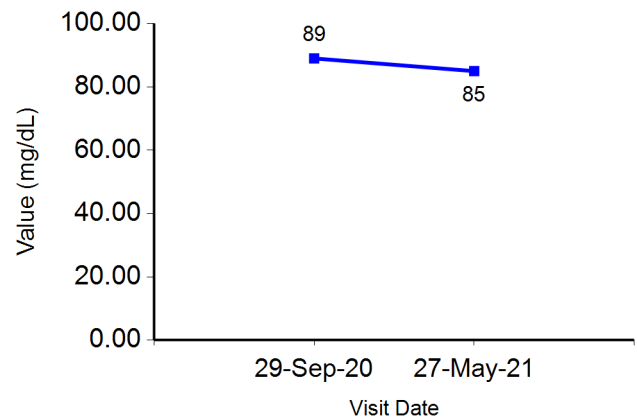
Platelet count



HbA1C- Glycated Haemoglobin



Glucose fasting



Dr. Amruta Joshi

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Consultant Pathologist MBBS, MD



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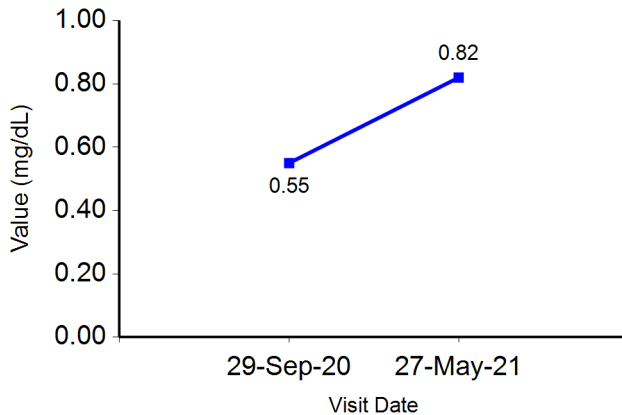
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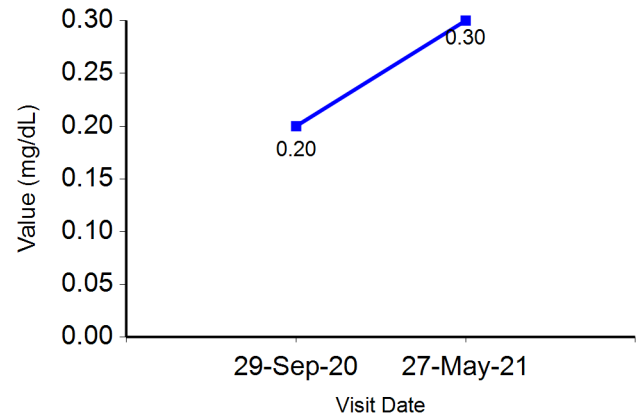
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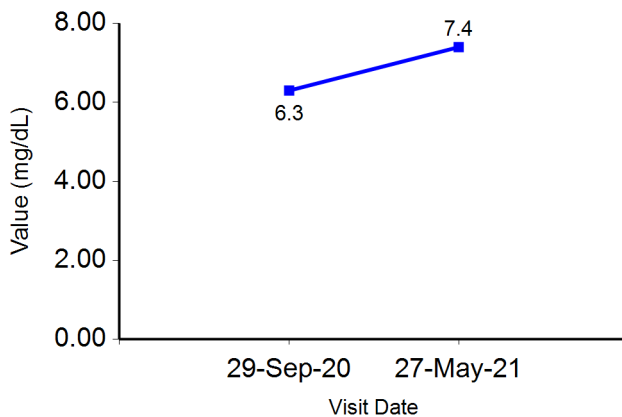
Bilirubin-Total*



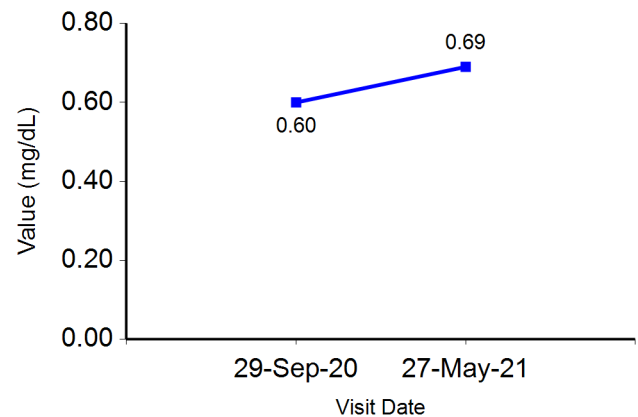
Bilirubin-Direct*



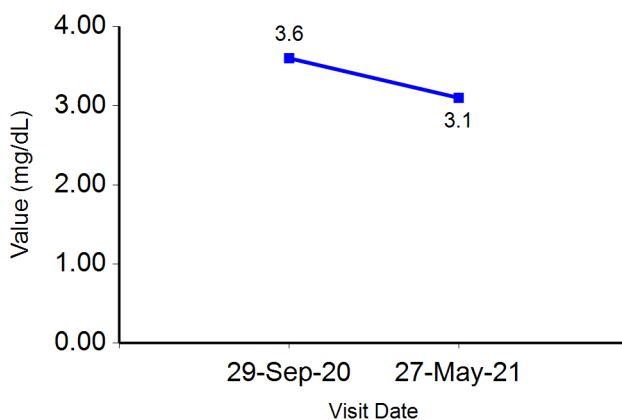
BUN-Blood Urea Nitrogen*



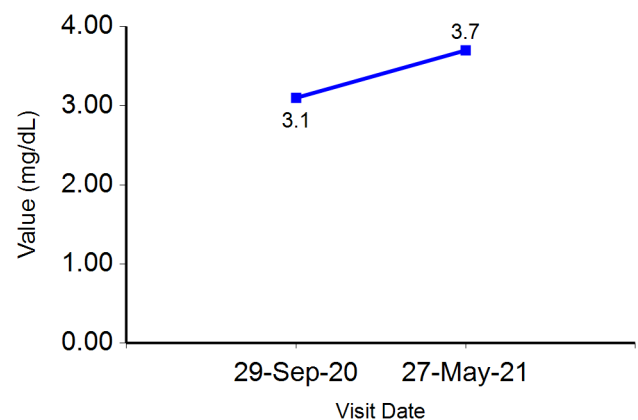
Creatinine *



Uric Acid *



Phosphorous *



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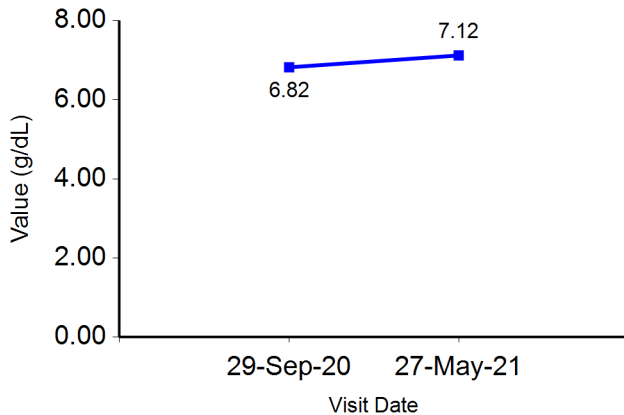
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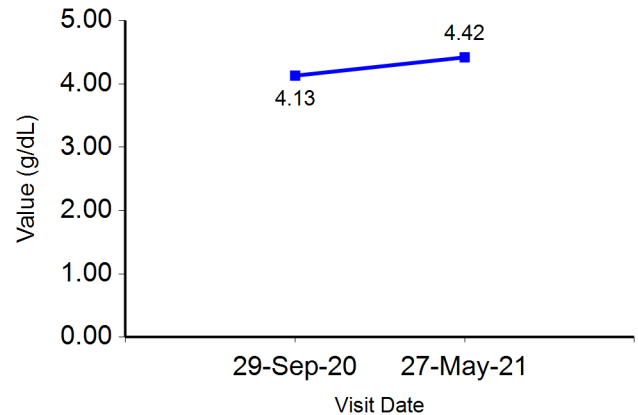
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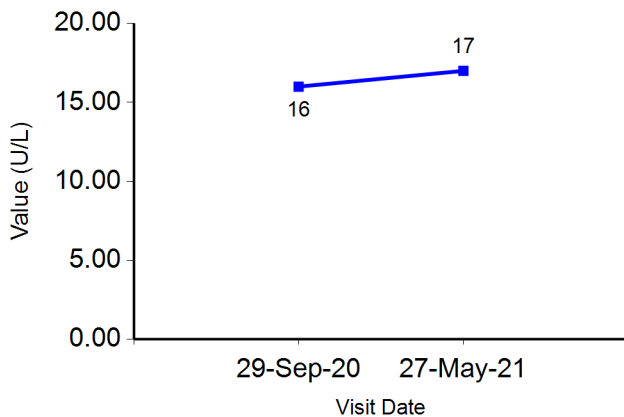
Total Protein*



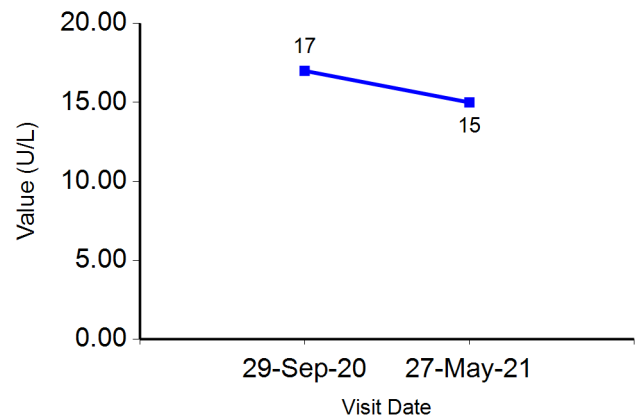
Albumin*



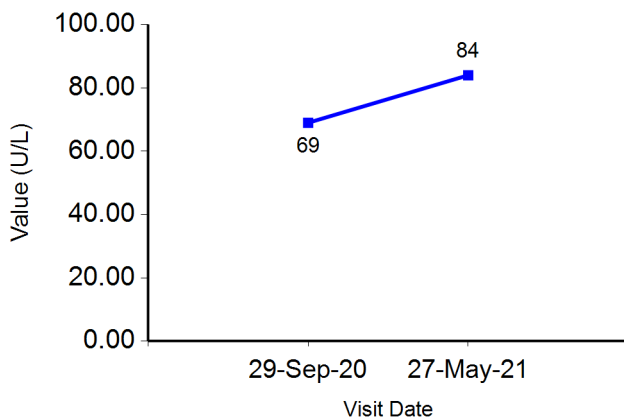
SGOT (AST)*



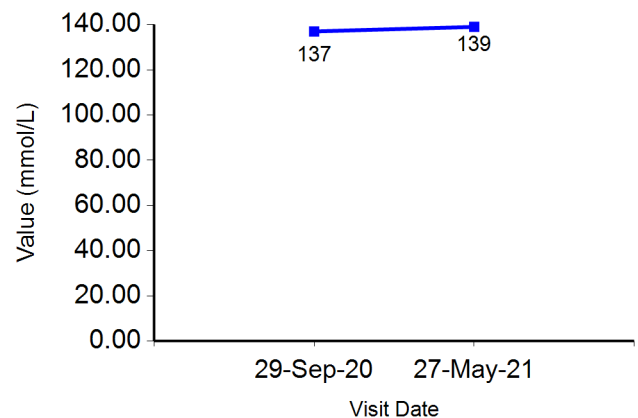
SGPT (ALT)*



Alkaline Phosphatase*



Sodium*





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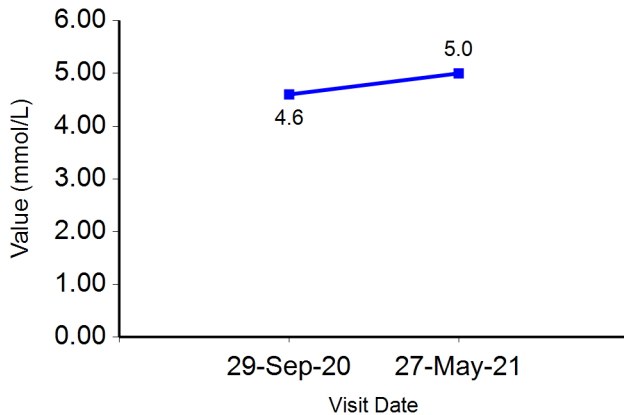
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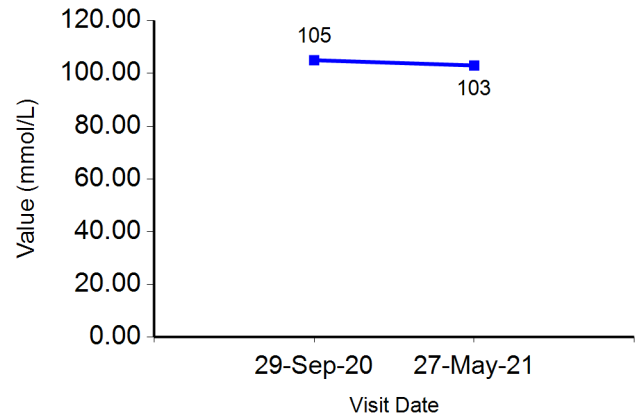
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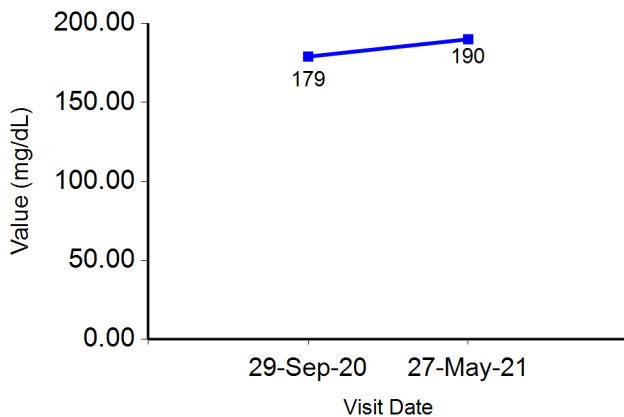
Potassium*



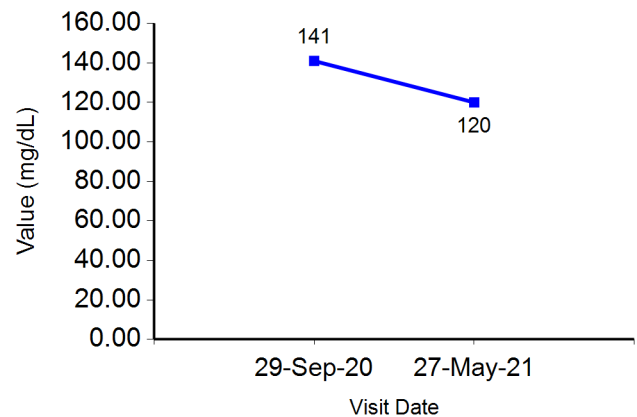
Chlorides*



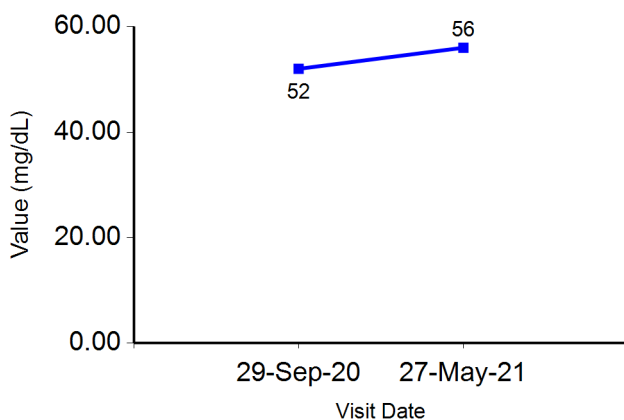
Cholesterol-Total*



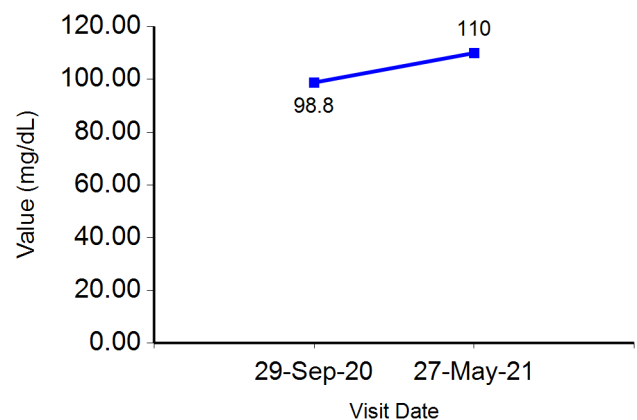
Triglycerides level*



HDL Cholesterol*



LDL Cholesterol





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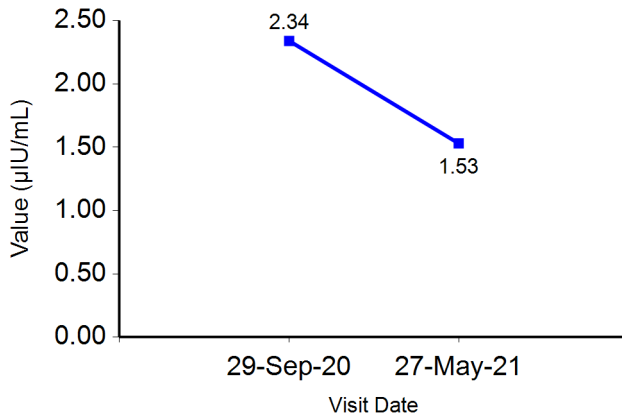
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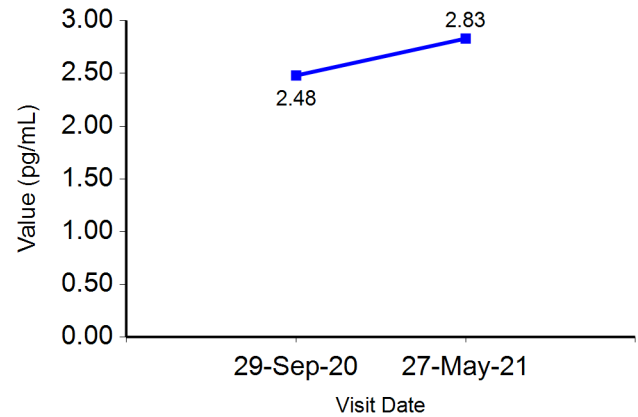
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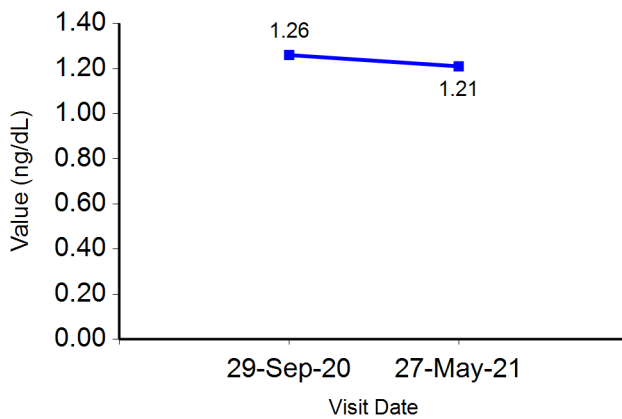
TSH(Ultrasetitive)*



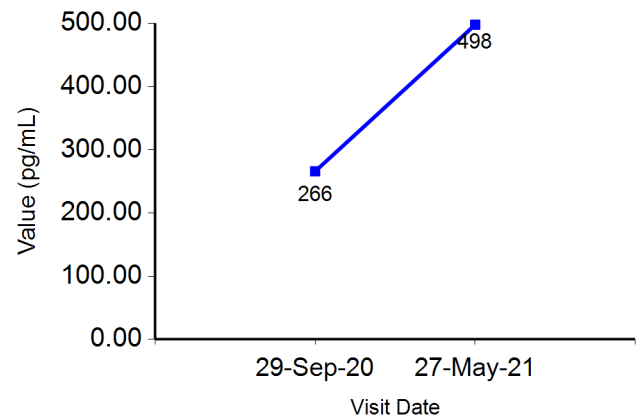
Free T3*



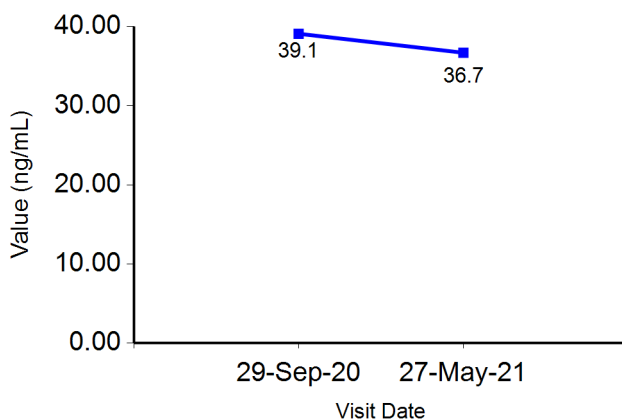
Free T4*



Vitamin B12 level*



25 Hydroxy (OH) Vit D*



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Investigation	Observed Value	Unit	Biological Reference Interval
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HOMA Index Insulin Resistance Test

Beta cell function (Serum)	112.10	%	
Insulin sensitivity (Serum)	94.70	%	
HOMA IR index (Serum)	1.06		> 2.5 cutoff indicates insulin resistance.

Test Description :

1. The HOMA model is used to yield an estimate of insulin sensitivity and beta cell function from fasting plasma insulin and glucose concentrations .
2. Insulin resistance is a state in which normal concentrations of insulin produce a subnormal biologic response .

Uses Of HOMA Values :

1. To assess the risk of development of diabetes. It allows assessment of inherent beta cell function and insulin sensitivity and characterizes the pathophysiology in those with abnormal glucose tolerance.
2. It can be used to assess response to diet or oral drug therapy.

Test Interpretation :

HOMA2-IR value of 2.5 is taken as an indicator of insulin resistance in adolescents & adults which provides maximum sensitivity & specificity in diagnosing metabolic syndrome in both genders & as per ATP III(Adult Treatment Panel) & IDF(International Diabetes Federation) criteria

Remarks :

1. Insulin glucose HOMA model cannot be used in those taking exogenous insulin. Under such circumstances, the C peptide HOMA model which uses C peptide to reflect endogenous insulin secretions could be used.
2. The HOMA-IR calculator version 2.2 accepts values in the following approved ranges only, plasma insulin (2.9 -57.6 uU/ml) & blood sugar fasting (54.1-450.5 mg/dl). HOMA-IR calculation not possible if values are outside these ranges, clinical correlation suggested.

References :

- Current approaches for assessing insulin sensitivity and resistance in vivo: advantages, limitations, and appropriate usage Muniyappa R et al. Am J Physiol Endocrinol Metab 2008;294:15-26.
- A Study of Insulin Resistance by HOMA-IR and its Cut-off Value to Identify Metabolic Syndrome in Urban Indian Adolescents. Yashpal Singh et al. J Clin Res Pediatr Endocrinol 2013;5(4):245-251

Glucose fasting (Plasma-F,Hexokinase)	85	mg/dL	Normal: 70-100 Impaired Fasting Glucose(IFG): 100-125 Diabetes mellitus: >= 126 (on more than one occassion) (American diabetes association guidelines 2019)
Insulin (Fasting) (Serum,ECLIA)	8.26	μIU/mL	Fasting: 2-25 Note : Change in Method



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Investigation

Observed Value

Unit

Biological Reference Interval

Interpretation :

1. Levels are increased in insulinomas, factitious hypoglycemia, insulin autoimmune syndrome, acromegaly (after ingestion of glucose), Cushings syndrome, corticosteroid administration and levodopa usage.
2. Levels are depressed to absent in diabetes mellitus, pituitary tumors and chronic pancreatic diseases i.e. cystic fibrosis.
3. Insulin/ C-peptide ratio is used for differentiating between factitious hypoglycemia and insulinomas where a ratio< 1.0 indicates insulinoma; but results may vary in renal failure.
4. Antibodies to insulin form in longstanding diabetes mellitus treated with insulin hence in these patients monitoring insulin levels gives better prognosis.



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CBC Haemogram

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<u>Erythrocytes</u>			
Haemoglobin (Hb)	12.4	gm/dL	12.0-16
Erythrocyte (RBC) Count	5.11	mill/cu.mm	4.2-5.4
PCV (Packed Cell Volume)	39.8	%	37-47
MCV (Mean Corpuscular Volume)	77.9	fL	82-101
MCH (Mean Corpuscular Hb)	24.4	pg	27-34
MCHC (Mean Corpuscular Hb Conc.)	31.3	g/dL	31.5-36
RDW (Red Cell Distribution Width)	15.1	%	11.5-14.0
<u>RBC Morphology</u>			
Hypochromia	+		
Microcytosis	+		
<u>Leucocytes</u>			
Total Leucocytes (WBC) count	5,900	cells/cu.mm	4300-10300
Absolute Neutrophils Count	3068	/c.mm	2000-7000
Absolute Lymphocyte Count	2360	/c.mm	1000-3000
Absolute Monocyte Count	295	/c.mm	200-1000
Absolute Eosinophil Count	118	/c.mm	20-500
Absolute Basophil Count	59	/c.mm	20-100
Neutrophils	52	%	40-80
Lymphocytes	40	%	20-40
Monocytes	5	%	2.0-10
Eosinophils	2	%	1-6
Basophils	1	%	0-2
<u>Platelets</u>			
Platelet count	314	10 ³ / μ l	140-440
MPV (Mean Platelet Volume)	7.7	fL	7.8-11
PCT (Platelet crit)	0.240	%	0.2-0.5
PDW (Platelet Distribution Width)	16.9	%	9-17

Note:- Kindly note change in reference ranges.

EDTA Whole Blood-Tests done on Automated Five Part Cell Counter. (RBC and Platelet count by impedance/Hydrodynamic focusing,WBC and differential by VCS technology/Impedance/Flow cytometry.Rest are calculated parameters).All Abnormal Haemograms are reviewed confirmed microscopically.Differential count is based on approximately 10,000 cells.



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Investigation

Vitamin B12 level
(Serum,ECLIA)

Observed Value

498

Unit

pg/mL

Biological Reference Interval

197-771
Note : Change in Method &
Reference range

Interpretation :

1. Vit B12 levels are decreased in megaloblastic anemia, partial/total gastrectomy, pernicious anemia, peripheral neuropathies, chronic alcoholism, senile dementia, and treated epilepsy.
2. An associated increase in homocysteine levels is an independent risk marker for cardiovascular disease and deep vein thrombosis.
3. HoloTranscobalamin II levels are a more accurate marker of active VitB12 component.

Interpretation Note : Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended. Ref: Arch Pathol Lab Med—Vol 141, November 2017

Glucose fasting
(Plasma-F,Hexokinase)

85

mg/dL

Normal: 70-100
Impaired Fasting Glucose(IFG):
100-125
Diabetes mellitus: ≥ 126
(on more than one occasion)
(American diabetes association
guidelines 2019)

BUN-Blood Urea Nitrogen
(Serum,Urease)

7.4

mg/dL

6-20
Note: Change in method and
reference range

Remark: In blood, Urea is usually reported as BUN and expressed in mg/dl. BUN mass units can be converted to urea mass units by multiplying by 2.14.



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ESR - Erythrocyte Sedimentation Rate (EDTA Whole Blood)	8	mm/hr	0-20
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Method: Automated Westergren

Interpretation:

1. It indicates presence and intensity of an inflammatory process, never diagnostic of a specific disease. Changes are more significant than a single abnormal test.
2. It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis, polymyalgia rheumatica.
3. It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

Creatinine (Serum,Jaffe)	0.69	mg/dL	0.60-1.10 Note : Change in Reference range
------------------------------------	------	-------	-----------------------------------------------

Interpretation - Creatinine is a waste product formed in muscles from the high energy storage compound, creatine phosphate. The amount of creatinine produced is constant (unlike Urea) and is primarily a function of muscle mass. Physiological factors affecting serum creatinine concentration includes age, gender, race, muscularity, exercise, Pregnancy, certain drugs, diet, dehydration and nutritional status. Low serum Creatinine levels is seen in cases of low muscle mass like muscular atrophy, or aging. High serum creatinine levels is seen in Acute and Chronic kidney disease, obstruction. Since a rise in blood creatinine is observed only with marked damage of the nephrons, it is not suited to detect early stage kidney disease.

Uric Acid (Serum,Uricase)	3.1	mg/dL	2.4-5.7 Please note change in reference range.
Calcium (Serum,NM-BAPTA)	9.7	mg/dL	8.6-10.0 Note: Change in method and reference range.
Phosphorous (Serum,Molybdate UV)	3.7	mg/dL	2.5-4.5 Please note change in rference range and method.
Sodium (Serum,ISE Indirect)	139	mmol/L	136-145

Sodium is the major extracellular cation and functions to maintain fluid distribution and osmotic pressure. Some causes of ecreased levels of sodium include prolonged vomiting or diarrhea, diminished reabsorption in the kidney and excessive fluid retention. Common causes of increased sodium include excessive fluid loss, high salt intake and increased kidney reabsorption.



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Potassium

(Serum,ISE Indirect)

5.0

mmol/L

3.5-5.1

Potassium is the major intracellular cation and is critical to neural and muscle cell activity. Some causes of decreased potassium levels include reduced intake of dietary potassium or excessive loss of potassium from the body due to diarrhea, prolonged vomiting or increased renal excretion. Increased potassium levels may be caused by dehydration or shock, severe burns, diabetic ketoacidosis, and retention of potassium by the kidney.

Chlorides

(Serum,ISE Indirect)

103

mmol/L

98-107

Note: Change in method and reference range.

Chloride is the major extracellular anion and serves to regulate the balance of extracellular fluid distribution. Similarly to the other ions, common causes of decreased chloride include reduced dietary intake, prolonged vomiting and reduced renal reabsorption as well as some forms of acidosis and alkalosis. Increased chloride values are found in dehydration, kidney failure, some forms of acidosis, high dietary or parenteral chloride intake, and salicylate poisoning.

Bilirubin Total, Direct, Indirect Serum

(Serum)

Bilirubin-Total

(Diazo)

0.82

mg/dL

0-1.2

Interpretation :

1. Total Bilirubin is the sum of the unconjugated and conjugated fractions. Total Bilirubin is elevated in hepatitis, cirrhosis, haemolytic disorders , several inherited enzyme deficiencies, and conditions causing hepatic obstruction.
2. Neonatal Bilirubin quantitation is used to monitor diseases causing jaundice in the new-born, chiefly erythroblastosis fetalis (also caused haemolytic disease of the newborn or HDN.)
3. Physiologic jaundice is seen at serum bilirubin concentrations from 7 to 17 mg/dl. Serum bilirubin concentrations greater than 17 mg/dl may be pathologic. The primary concern is the potential for bilirubin encephalopathy or kernicterus.

Bilirubin-Direct

(Diazo)

0.30

mg/dL

0.0-0.3

Note: Direct Bilirubin is elevated in conditions causing hepatic obstruction , hepatitis, cirrhosis, several inherited enzyme deficiencies, and inherited defects in canalicular excretion.

Bilirubin- Indirect

(Calculated)

0.52

mg/dL

0.1-1.0

Proteins

(Serum)

Total Protein

(Biuret)

7.12

g/dL

6.4-8.3

Note: Change in reference range



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PIN No: 400037

PID NO: P112000280675

Age: 36.0 Year(s) Sex: Female



Reference: Dr.SELF PATIENT

Sample Collected At:

175:wadala dosti acres lah

Shop no 9 ground floor dosti apt , dosti

neptune chs ltd 1/141 1a/141, dosti

estate sm road wadala east mumbai - 37.

PROCESSING LOCATION:- Metropolis
Healthcare Ltd, Unit No. 409- 416, 4th
Floor, Commercial Building-1, Kohinoor
Mall, Mumbai-70

VID: 11219350005957

Registered On:

27/05/2021 12:40 PM

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Reported On:

27/05/2021 07:50 PM

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
Albumin (Bromocresol green)	4.42	g/dL	3.5-5.2 Please note change in Reference range
Globulin	2.70	g/dL	1.8-3.6
A/G Ratio (Calculated)	1.64		1.1-2.2
SGPT (ALT) (Serum,Enzymatic)	15	U/L	0-33 Note: Change in reference range.
SGOT (AST) (Serum,Enzymatic)	17	U/L	0-32 Note: Change in reference range.

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HbA1C- Glycated Haemoglobin, blood by HPLC method
(EDTA Whole Blood)

Investigation	Observed Value	Unit	Biological Reference Interval
HbA1C- Glycated Haemoglobin (HPLC)	5.5	%	Non-diabetic: <= 5.6 Pre-diabetic: 5.7-6.4 Diabetic: >= 6.5 Refer interpretation for monitoring ranges.
Estimated Average Glucose (eAG)	111.15	mg/dL	

Interpretation & Remark:

1. HbA1c is used for monitoring diabetic control. It reflects the estimated average glucose (eAG).
2. HbA1c has been endorsed by clinical groups & ADA (American Diabetes Association) guidelines 2017, for diagnosis of diabetes using a cut-off point of 6.5%.
3. Trends in HbA1c are a better indicator of diabetic control than a solitary test.
4. Low glycated haemoglobin(below 4%) in a non-diabetic individual are often associated with systemic inflammatory diseases, chronic anaemia(especially severe iron deficiency & haemolytic), chronic renal failure and liver diseases. Clinical correlation suggested.
5. To estimate the eAG from the HbA1C value, the following equation is used: $eAG(mg/dl) = 28.7 \times A1c - 46.7$
6. Interference of Haemoglobinopathies in HbA1c estimation.
 - A. For HbF > 25%, an alternate platform (Fructosamine) is recommended for testing of HbA1c.
 - B. Homozygous hemoglobinopathy is detected, fructosamine is recommended for monitoring diabetic status
 - C. Heterozygous state detected (D10/ Tosho G8 is corrected for HbS and HbC trait).
7. **In known diabetic patients, following values can be considered as a tool for monitoring the glycemic control.**
Excellent Control - 6 to 7 %,
Fair to Good Control - 7 to 8 %,
Unsatisfactory Control - 8 to 10 %
and Poor Control - More than 10 % .

Note : Hemoglobin electrophoresis (HPLC method) is recommended for detecting hemoglobinopathy.



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Investigation	Observed Value	Unit	Biological Reference Interval
<u>Lipid Profile-2</u> (Serum)			
Cholesterol-Total (Enzymatic)	190	mg/dL	Desirable: < 200 Borderline High: 200-240 High: >= 240
Triglycerides level (Enzymatic)	120	mg/dL	Normal: < 150 Borderline High: 150-199 High: 200-499 Very High: >= 500
HDL Cholesterol (Homogeneous enzymatic colorimetric assay)	56	mg/dL	Major risk factor for heart disease: < 40 Negative risk factor for heart disease: >= 60
Non HDL Cholesterol (Calculated)	<u>134.0</u>	mg/dL	Optimal: < 130 Desirable: 130-159 Borderline high: 159-189 High: 189-220 Very High: >= 220
LDL Cholesterol (Calculated)	<u>110</u>	mg/dL	Optimal: < 100 Near Optimal: 100-129 Borderline high: 130-159 High: 160-189 Very High: >= 190
VLDL Cholesterol (Calculated)	24	mg/dL	6-38
LDL/HDL RATIO (Calculated)	1.96		2.5-3.5
CHOL/HDL RATIO (Calculated)	<u>3.39</u>		3.5-5

Note: Reference Interval as per National Cholesterol Education Program (NCEP) Adult Treatment Panel III Report.

VLDL,CHOL/HDL RATIO,LDL/HDL RATIO,LDL Cholesterol,serum,Non HDL Colesterol are calculated parameters



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<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
TSH(Ultrassensitive) (Serum,ECLIA)	1.53	μIU/mL	0.54-5.3 First Trimester : 0.33-4.59 Second Trimester : 0.35-4.10 Third trimester : 0.21-3.15

Interpretation :

1. AS per published literature and internal verification studies, TSH values on Cobas by ECLIA method gives higher values (~30%) than Abbott CMIA. Hence, suggested biological reference intervals for Roche ECLIA is 0.54–5.3 &μ;IU/mL
Reference: Clinical Chemistry 50:12, 2338-2344 (2004) and Ind J Clin Biochem (Apr-June 2014) 29(2):189–195. AACE (American association of clinical endocrinologist) recommends TSH BRI as 0.45 to 4.5 &μ;IU/mL
2. TSH results between 5.3 to 15 show considerable physiologic & seasonal variation, suggest clinical correlation or repeat testing with fresh sample
3. TSH results between 0.1 to 0.54 require correlation with patient age & clinical symptoms. As with increasing age, there are marked changes in thyroid hormone production, metabolism & its actions resulting in an increased prevalence of subclinical thyroid disease
4. TSH values may be transiently altered because of non thyroidal illness like severe infections,liver disease, renal and heart failure,severe burns, trauma and surgery etc .
5. Drugs that decrease TSH values e.g:L-dopa,Glucocorticoid Drugs that increase TSH values e.g Iodine,Lithium,Amiodaro

Note :

Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended.

Ref: Arch Pathol Lab Med—Vol 141, November 2017

Free T4 (Serum,ECLIA)	1.21	ng/dL	0.93-1.7 First Trimester : 0.7-2.0 Second Trimester : 0.5-1.6 Third Trimester : 0.5-1.6
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Interpretation :

Total T3 & T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens,Estrogens, O C Pills ,Phenytoin), Nephrosis etc. In such cases Free T3 and Free T4 give corrected values.

Note :

Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended.

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Investigation

Observed Value

Unit

Biological Reference Interval

Free T3

(Serum,ECLIA)

2.83

pg/mL

2.0-4.4

First Trimester :2.46 - 3.49

Second Trimester : 2.09 - 3.55

Third trimester : 2.01 - 3.27

Interpretation :

Total T3 & T4 values may also be altered in other conditions due to changes in serum proteins or binding sites Pregnancy, Drugs (Androgens,Estrogens, O C Pills ,Phenytoin), Nephrosis etc. In such cases Free T3 and Free T4 give corrected values.

Note :

Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended.

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Investigation

25 Hydroxy (OH) Vit D
(Serum,ECLIA)

Observed Value

36.7

Unit

ng/mL

Biological Reference Interval

Deficiency: < 10
Insufficiency: 10-30
Sufficiency: 30-100
Hypervitaminosis: > 100
Note : Change in Method

Interpretation :

1. Vitamin D is a fat soluble vitamin and exists in two main forms as cholecalciferol(vitamin D3) which is synthesized in skin from 7-dehydrocholesterol in response to sunlight exposure & Ergocalciferol(vitamin D2) present mainly in dietary sources.Both cholecalciferol & Ergocalciferol are converted to 25(OH)vitamin D in liver.
2. Testing for 25(OH)vitamin D is recommended as it is the best indicator of vitamin D nutritional status as obtained from sunlight exposure & dietary intake. For diagnosis of vitamin D deficiency it is recommended to have clinical correlation with serum 25(OH)vitamin D, serum calcium, serum PTH & serum alkaline phosphatase.
3. During monitoring of oral vitamin D therapy- suggested testing of serum 25(OH)vitamin D is after 12 weeks or 3 mths of treatment. However, the required dosage of vitamin D supplements & time to achieve sufficient vitamin D levels show significant seasonal(especially winter) & individual variability depending on age, body fat, sun exposure, physical activity ,genetic factors(especially variable vitamin D receptor responses), associated liver or renal disease, malabsorption syndromes and calcium or magnesium deficiency influencing the vitamin D metabolism Vitamin D toxicity is known but very rare.kindly correlate clinically, repeat with fresh sample if indicated.

Associated Test Profile :

- For diagnosis of vitamin D deficiency it is recommended to have clinical correlation with serum 25(OH)vitamin D and serum PTH.An inverse relationship exists between PTH and 25(OH)D levels, Parathyroid hormone levels start to rise at 25(OH)D levels below 31 ng/mL & usually decrease after the correction of vitamin D insufficiency.Thus, restoration of PTH and 25 (OH)D levels to normalcy after adequate vitamin D replacement therapy is a useful monitoring strategy.

Interpretation Note :

Patients on Biotin supplement may have interference in some immunoassays. With individuals taking high dose Biotin (more than 5 mg per day) supplements, at least 8-hour wait time before blood draw is recommended.

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Investigation

Alkaline Phosphatase
(Serum,pNPP)

Observed Value

84

Unit

U/L

Biological Reference Interval

35-104
Note : Change in reference
range



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Routine Examination Urine

<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
<u>GENERAL EXAMINATION</u>			
Colour	Pale Yellow		Pale Yellow
Transparency (Appearance)	Clear		Clear
Reaction (pH)	7		4.5-8
Specific Gravity	1.008		1.005-1.025
<u>CHEMICAL EXAMINATION (AUTOMATED URINE CHEMISTRY)</u>			
Urine Protein (Albumin)	Absent		Absent
Urine Ketones (Acetone)	Absent		Absent
Urine Glucose (Sugar)	Absent		Absent
Urobilinogen	Normal		Normal
Bilirubin	Negative		Negative
Nitrite	Negative		Negative
<u>MICROSCOPIC EXAMINATION(CUVETTE BASED IMAGING TECHNOLOGY)</u>			
Red blood cells	0	/hpf	0-2
Dysmorphic Red Blood Cells	Absent		Absent
Pus cells (WBCs)	0.8	/hpf	0-5
Epithelial cells	0.1	/hpf	0-5
Crystals	0	/hpf	0-1.36
Bacteria	2.8	/hpf	0-65.00
Trichomonas Vaginalis	Absent		Absent
Yeast cells	0	/hpf	0-0.68

1. Urine routine and microscopy is a screening test .
2. Abnormal results of chemical examination are confirmed by manual methods.
3. Pre-test conditions to be observed while submitting the sample- First void, mid-stream urine, collected in a clean, dry, sterile container is recommended for routine urine analysis, avoid contamination with any discharge from vaginal, urethra, perineum, as applicable, avoid prolonged transit time & undue exposure to sunlight.
4. During interpretation, points to be considered are Negative nitrite test does not exclude the presence of the bacteria or urinary tract infections.
5. Trace proteinuria can be seen with many physiological conditions like prolonged recumbency, exercise, high protein diet etc.
6. False reactions for bile pigments, proteins, glucose and nitrites can be caused by peroxidase like activity by disinfectants, therapeutic dyes, ascorbic acid and certain drugs etc.
7. Physiological variations may affect the test results.
8. The Microscopic examination findings reported are in decimal numbers as they represent arithmetic mean of multiple fields scanned using cuvette based advanced digital imaging technology.

Reports to follow - Kindly await following pending reports :

Investigation :

Status

HsCRP-High Sensitivity CRP

Pending



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<u>Investigation</u>	<u>Observed Value</u>	<u>Unit</u>	<u>Biological Reference Interval</u>
-- End of Report --			