



Laboratory Diagnostics Services on Public Private Partnership Mode  
Punjab Health Systems Corporations, Govt. of Punjab  
with Krsnaa Diagnostics (Mohali) Pvt. Ltd.



### Medical Laboratory Report

Patient Name : Mr MAHESH YADAV  
Age and Gender : 52 Years / Male  
Category : IPD - PB AMRITSAR  
Referring Doctor : Self  
Sample Processed at : KRSNAA DIAGNOSTICS (MOHALI) PVT LTD, INSIDE CIVIL  
HOSPITAL, NEAR HUSSAINPURA CHOWK  
AMRITSAR - 143001, PUNJAB

Patient UID No : PAT240500207424  
PRN No : PAT240500207424  
Registered On : 17 Jul 2024 16:59  
Sample UID No.  201819467

#### BIOCHEMISTRY

Test Done	Observed Value	Units	Biological Reference Interval
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• Sodium and Potassium

References: Alinity ci (Kit Insert).

#### Calcium - Serum

Serum  
Arsenazo III

#### Test Description:

- The majority of calcium in the body is present in bones.
- The remainder of the calcium is in the serum and has various functions.
- Calcium ions decrease neuromuscular excitability, participate in blood coagulation and activate some enzymes.

#### Test Interpretation:

- Hypercalcemia can result from hyperparathyroidism, hypervitaminosis D, multiple myeloma, and some neoplastic diseases of bone.
- Long term lithium therapy has been reported to cause hyperparathyroidism in some individuals, with resulting in hypercalcemia.
- Hypocalcemia can result from hypoparathyroidism, hypoalbuminemia, renal insufficiency and pancreatitis.

#### Test Limitation:

- Bilirubin, hemoglobin, intra lipid are potentially interfering endogenous substances.
- For diagnostic purpose, the test finding should always be assessed in conjunction with the patient's medical history, clinical examinations and other findings.
- Corrected calcium needs to be reported in hypocalcemia cases.
- formula of corrected calcium: Calcium value+08(3.5-Albumin)

#### Reflex Test:

- Vitamin D
- PTH
- Protein and Albumin

References: Alinity ci (Kit Insert).

#### RENAL FUNCTION TEST (RFT)

#### Urea - Serum

Serum  
Urease

95.90

mg. / dl.

10.00 - 50.0

#### Creatinine - Serum

Serum  
Alkaline Picrate

12.30

mg. / dl.

0.72 to 1.25 mg/dl

#### Uric Acid - Serum

Serum  
Uricase

3.40

mg. / dl.

3.5 - 7.2



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**PRN No** : PAT240500207424  
**Registered On** : 17 Jul 2024 16:59  
**Sample UID No.** 201796630

#### HEMATOLOGY

Test Done	Observed Value	Units	Biological Reference Interval
<b>COMPLETE BLOOD COUNT</b>			
<b>Haemoglobin</b>	14.30	g/dl	13.0 - 18.0
Non-cyanide method			
<b>Total Leucocyte Count</b>	12.08	x 10 <sup>3</sup> /μL	4.0- 11.0
Electrical impedance			
<b>Total Erythrocyte Count</b>	5.47	x 10 <sup>6</sup> /μL	3.5 - 5.5
Electrical impedance			
<b>Platelet count</b>	210.00	x 10 <sup>3</sup> /μL	150 - 450
Electrical impedance			
<b>MPV</b>	9.80	fL	
Electrical Impedence			
<b>PCT</b>	0.21	%	
Electrical Impedence			
<b>PDW</b>	14.50	%	
Electrical Impedence			
<b>R.B.C. Indices</b>			
<b>P.C.V.</b>	43.20	%	40 - 52
Electrical impedance			
<b>M.C.V.</b>	79.00	fL	82 - 95.0
Electrical Impedence			
<b>M.C.H.</b>	26.10	pg	25 - 33
Calculated			
<b>M.C.H.C</b>	33.00	gm/dl	33 - 37
Calculated			
<b>R.D.W. CV</b>	17.90	%	11.0 - 16.0
Calculated			
<b>Differential W.B.C. Count</b>			
<b>Neutrophils</b>	45.00	%	40 - 70
Cytochemistry & impedance/PS			
<b>Lymphocytes</b>	22.00	%	20 - 45
Cytochemistry & impedance/PS			



**DR. SIMRANDEEP KAUR**  
 (MBBS, MD PATHOLOGY)  
 CONSULTANT PATHOLOGIST

~~~ END OF REPORT ~~~

Sample Collected On : 17.07.2024 17:17      Sample Accepted On : 17.07.2024 17:17      E15563  
 Results Authenticated : 17.07.2024 18:24      Results Reported : 17.07.2024 18:28      Printed On : 17.07.2024 19:23

