



Dedicated to Excellence


# DHANDE PATHLAB DIAGNOSTICS PVT. LTD.

www.dhandepathlab.com  
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**LABORATORY & REGISTERED ADDRESS** : Chinar Apartments, Sheelavihar Colony, Opp. Paud Phata Police Station, Paud Road, Pune - 38. Phone : 2543 2950, 2545 9494, 2545 2020  
94030 85417, 80802 44202, 90492 34055  
Timing : 8.00 a.m. to 8.30 p.m. Sunday : 8.00 a.m. to 12.30 p.m.

**Dr. Nitin L. Dhande**  
M. D. (Path)  
Reg. No. 52301  
Add. Reg. No. 6398

**Dr. Ashish N. Dhande**  
M. D. (Path)  
Reg. No. 2014/04/1752  
Add. Reg. No. 3439/2017

Registration.Date	: 24/10/2024		Permanent ID No.	: 270389
<b>Patient Name</b>	: <b>MR. SIVARAMAKRISHNAN B.A.</b>		Patient ID No.	: 1214083
Age / Gender	: 76 Yrs / Male		Reg Date/Time	: 24-10-2024 10:09am
Reference (Dr.)	: Purandare Bharat D; MD DNB		Sample Coll.Date/Time	: 24-10-2024 00:00
Sample Collected	: At Dhande Pathlab Diagnostics Pvt. Ltd.		Report Date/Time	: 24-10-2024 05:21pm

## HAEMOGRAM (CBC)

Investigation	Result	Units	Reference Range
<b>Haemoglobin</b> <i>(Colorimetric Non Cynmeth)</i>	: L <b>9.10</b>	gm/dL	13.0 - 17.0
<b>RBC Count</b> <i>(Sheath Fluid Impedence)</i>	: L <b>2.78</b>	mill/cu mm	4.5 - 6.5
<b>Haematocrit (PCV)</b> <i>(Calculated)</i>	: L <b>26.20</b>	%	40 - 52
<b>MCV (Mean Corpuscular Volume)</b> <i>(Derived from RBC histogram)</i>	: <b>94.10</b>	fL	83 - 101
<b>MCH (Mean Corpuscular Hb)</b> <i>(Calculated)</i>	: H <b>32.60</b>	pg	27 - 32
<b>MCHC (Mean Corpuscular Hb Conc.)</b> <i>(Calculated)</i>	: <b>34.70</b>	gm/dL	32 - 36
<b>RDW (Red cell Distribution Width)</b> <i>(Calculated)</i>	: H <b>15.0</b>	%	11.6 - 14.0
<b>RBC Morphology</b>	: Predominantly Normocytic Normochromic.		
<b>Total WBC (Leucocyte) Count</b> <i>(Fluorescence flow cytometry)</i>	: <b>8850</b>	/cu mm	4,000 - 11,000
<b>Neutrophils</b>	: H <b>82</b>	%	40 - 75
<b>Lymphocytes</b>	: L <b>12</b>	%	20 - 40
<b>Eosinophils</b>	: <b>01</b>	%	1 - 6
<b>Monocytes</b>	: <b>05</b>	%	1 - 10
<b>Basophils</b>	: <b>00</b>	%	0 - 2
<b>Neutrophil/Lymphocyte ratio(N/L ratio)</b> <i>(Calculated)</i>	: H <b>6.83</b>	Ratio	1.05 - 2.67
<b>Absolute Neutrophil Count</b>	: H <b>7257</b>	/cu mm	2000 - 7000
<b>Absolute Lymphocyte Count</b>	: <b>1062</b>	/cu mm	1000 - 3000
<b>Absolute Eosinophil Count</b>	: <b>89</b>	/cu mm	20 - 500
<b>Absolute Monocyte Count</b>	: <b>443</b>	/cu mm	200 - 1000
<b>Absolute Basophil Count</b>	: <b>0</b>	/cu mm	0 - 100
<b>Platelet Count</b> <i>(Sheath fluid impedence)</i>	: <b>208000</b>	/cu mm	1,50,000 - 4,50,000
<b>MPV (Mean Platelet Volume)</b> <i>(Derived from platelet histogram)</i>	: <b>8.1</b>	fL	7.8 - 12.0
<b>Platelet Remarks</b>	: Adequate		
<b>PBS For Parasites</b>	: Malarial Parasites Not Seen		

EDTA Whole Blood - [Tests done on fully automated five part Haematology analyzers - XN1000, (Sysmex)/ BC-6800 Plus (Mindray). WBC Differential by Fluorescent Flowcytometry and Absolute counts are calculated. All abnormal Haemograms are reviewed and confirmed microscopically.



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## URINE ROUTINE EXAMINATION REPORT

<u>Investigation</u>	<u>Result</u>	<u>Reference Range</u>
<b>PHYSICAL EXAMINATION</b>		
Colour	: Pale Yellow	Pale Yellow
Appearance	: Clear	Clear
Specific Gravity	: 1.010	1.005 - 1.030
Reaction	: 6.0	5.0 - 8.0
<b>CHEMICAL EXAMINATION</b>		
Proteins	: Present +	Absent
Glucose	: Absent	Absent
Ketone Bodies	: Absent	Absent
Bile pigment	: Absent	Absent
Urobilinogen	: Normal	Normal
Nitrite	: Negative	Negative
<b>MICROSCOPIC EXAMINATION</b>		
Pus Cells	: Occasional	0 - 5 /hpf
Red Blood Cells	: Absent	Absent
Epithelial Cells	: Occasional	Few
Crystals	: Absent	Absent
Casts	: Absent	Absent
Amorphous Material	: Absent	Absent
Parasites	: Absent	
Yeast Cells	: Absent	Absent

**METHOD:**

\*Colour, Appearance: Visual Examination, \*Specific gravity: Urine Analyzer(Bromothymol blue indicator), \*pH: Urine Analyzer (pH indicator).

\*Proteins:Urine Analyzer (Protein error-of-indicator principle)/ Sulphosalicylic acid, \* Glucose: Urine Analyzer(GOD-POD method)/ Benedict's test, \*Ketone bodies: Urine Analyzer(Nitroprusside reagent Legal's test)/ Rothera's test, \*Bile salts: Sulphur flower method, Bile pigment: Urine Analyzer (Diazonium salt in strong acid medium)/ Fouchet's test, \*Urobilinogen: Urine Analyzer( Urobilinogen & diazonium salt in strong acid medium)/ Ehrlich's Test, \*Nitrite: Urine Analyzer (Greiss test).

\*Microscopy for Pus cells, RBCs, Epithelial cells, Crystals, Casts, Parasites & Yeasts.



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## CRP (C REACTIVE PROTEIN)

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
<b>C-Reactive Protein, Serum</b> <i>(Serum, Immuno-turbidimetric method)</i>	: H <b>17.09</b>	mg/L	0 to 5

### COMMENTS:

1. C Reactive Protein (CRP) is the most sensitive acute phase reactant for inflammation.
2. The levels increase dramatically after severe trauma, bacterial infection, surgery & neoplastic proliferation.
3. It is most useful as an indicator of activity in Rheumatoid arthritis, Rheumatic fever, tissue injury or necrosis.
4. It is used in inflammatory disorders for monitoring course and effect of therapy. It assesses response to antibiotic treatment and differentiates between active and inactive disease forms with concurrent infection.
5. As compared to ESR, CRP shows an earlier rise in inflammatory disorders which begins in 4-6 hrs, the intensity of the rise being higher than ESR and the recovery being earlier than ESR. Unlike ESR, CRP levels are not influenced by hematologic conditions like Anemia, Polycythemia etc.



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## BIOCHEMICAL TEST

<u>Investigation</u>	<u>Result</u>	<u>Units</u>	<u>Reference Range</u>
<b>Creatinine</b> <i>(Serum, Method: Modified Jaffe)</i>	: 1.00	mg/dL	0.60 - 1.30
<b>Total Proteins, Serum</b> <i>(Biuret Method)</i>	: 6.4	gms/dL	6.4 - 8.3
<b>Albumin, Serum</b> <i>Bromocresol Green (BCP)</i>	: <b>L 3.3</b>	gms/dL	3.5 - 5.2
<b>Globulin, Serum</b> <i>(Calculated parameter)</i>	: 3.10	gms/dL	1.8 - 3.9
<b>A/G (Ratio)</b> <i>(Calculated parameter)</i>	: 1.06		0.9 - 2.0

--End Of Report--



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