

Name : Mr. VIKAS YADAV  
 Lab No. : 517733673  
 Ref By : Self  
 Collected : 4/6/2026 11:47:00AM  
 A/c Status : P  
 Collected at : FPSC MANESAR SECTOR-1  
 IMT Manesar S.O GURGAON  
 MANESAR

Age : 22 Years  
 Gender : Male  
 Reported : 4/6/2026 3:34:10PM  
 Report Status : Final  
 Processed at : LPL-GURGAON  
 C1/B, Clear View Building Old DLF Colony,  
 Sector-14 Gurgaon, Haryana-122001



### Test Report

Test Name	Results	Units	Bio. Ref. Interval
<b>COMPLETE BLOOD COUNT (CBC), WHOLE BLOOD</b> (DC Detection, Flow Cytometry & SLS)			
Hemoglobin	13.70	g/dL	13.00 - 17.00
Packed Cell Volume (PCV)	41.40	%	40.00 - 50.00
RBC Count	4.64	mill/mm <sup>3</sup>	4.50 - 5.50
MCV	89.20	fL	83.00 - 101.00
Mentzer Index	19.2		
MCH	29.50	pg	27.00 - 32.00
MCHC	33.10	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW)	13.00	%	11.60 - 14.00
Total Leukocyte Count (TLC)	5.83	thou/mm <sup>3</sup>	4.00 - 10.00
<b>Differential Leucocyte Count (DLC)</b>			
Segmented Neutrophils	66.20	%	40.00 - 80.00
Lymphocytes	30.70	%	20.00 - 40.00
Monocytes	2.90	%	2.00 - 10.00
Eosinophils	0.00	%	1.00 - 6.00
Basophils	0.20	%	<2.00
<b>Absolute Leucocyte Count</b>			
Neutrophils	3.86	thou/mm <sup>3</sup>	2.00 - 7.00
Lymphocytes	1.79	thou/mm <sup>3</sup>	1.00 - 3.00
Monocytes	0.17	thou/mm <sup>3</sup>	0.20 - 1.00
Eosinophils	0.00	thou/mm <sup>3</sup>	0.02 - 0.50



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### Test Report

Test Name	Results	Units	Bio. Ref. Interval
Basophils	0.01	thou/mm <sup>3</sup>	0.02 - 0.10
Platelet Count	252	thou/mm <sup>3</sup>	150.00 - 410.00
Mean Platelet Volume	11.2	fL	6.5 - 12.0

#### Comment

In anaemic conditions Mentzer index is used to differentiate Iron Deficiency Anaemia from Beta- Thalassemia trait. If Mentzer Index value is >13, there is probability of Iron Deficiency Anaemia. A value <13 indicates likelihood of Beta- Thalassemia trait and Hb HPLC is advised to rule out the Thalassemia trait.

#### Note

- As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
- Test conducted on EDTA whole blood  
 Predominantly Normocytic normochromic RBCs  
 WBC is normal in number.  
 Platelets are adequate.



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**Test Report**

Test Name	Results	Units	Bio. Ref. Interval
TYPHIDOT / SALMONELLA TYPHI, IgM, SERUM (ICT)	Negative		

**Interpretation**

RESULT	REMARKS
Reactive	Indicates presence of IgM antibodies against salmonella typhi.
Non-Reactive	Indicates absence of IgM antibodies against salmonella typhi.

**Note:**

1. Its positivity in serum indicates ongoing or recent infection by Salmonella typhi and the diagnosis should be confirmed by gold standard test such as Blood culture prior to start of antibiotics.
2. IgM antibodies are typically detectable 5-7 days post symptom onset, peaking in 2nd week and frequently remain elevated for 2-4 months following infection.
3. False positive results may be due to cross reactivity with other Salmonella spp., Dengue virus infection & in patients with high levels of Rheumatoid factor.
4. False negative reaction may be due to processing of sample collected early in the course of disease, antibiotic treatment during 1st week and immunosuppression.
5. Test conducted on serum.

**Use**

- To diagnose infection due to Salmonella typhi (Enteric fever).



Dr Rachna Malik  
 MD, Pathology (DMC-5243)  
 Consultant Pathologist  
 Dr Lal PathLabs Ltd

-----End of report -----



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Authenticity assured - scan the QR code to access the original report from our verified database

### IMPORTANT INSTRUCTIONS

•Test results released pertain to the specimen submitted. •All test results are dependent on the quality of the sample received by the Laboratory. •Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician. •Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted. •Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting. •Test results may show interlaboratory variations. •The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s). •Test results are not valid for medico legal purposes. •This is computer generated medical diagnostic report that has been validated by Authorized Medical Practitioner /Doctor. •The report does not need physical signature.

(#) Sample drawn from outside source.

If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.

Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com

