

S60 - MRS. BABITA SHARMA -FPSC KHORA COLONY.  
 H. NO-42 A, NEHRU GARDEN, KHORA COLONY,  
 GHAZIABAD, U.P Khora Gaon B.O  
 DADRI

Name	: Mr. PRABHAKAR SINGH	Collected	: 11/10/2021 1:31:00PM
Lab No.	: 318589064	Received	: 11/10/2021 1:48:00PM
Age: 25 Years	Gender: Male	Reported	: 11/10/2021 7:16:12PM
A/c Status : P	Ref By : Dr. SELF	Report Status	: Final

**Test Name** **Results** **Units** **Bio. Ref. Interval**  
**FEVER PANEL 1**

Test Name	Results	Units	Bio. Ref. Interval
<b>COMPLETE BLOOD COUNT;CBC*</b> (Electrical Impedance & Flow)			
Hemoglobin*	13.80	g/dL	13.00 - 17.00
Packed Cell Volume (PCV)*	40.50	%	40.00 - 50.00
RBC Count*	<b>4.11</b>	mill/mm3	4.50 - 5.50
MCV*	98.50	fL	83.00 - 101.00
MCH*	<b>33.60</b>	pg	27.00 - 32.00
MCHC*	34.10	g/dL	31.50 - 34.50
Red Cell Distribution Width (RDW)*	<b>14.70</b>	%	11.60 - 14.00
Total Leukocyte Count (TLC)*	7.43	thou/mm3	4.00 - 10.00
<b>Differential Leucocyte Count (DLC)</b>			
Segmented Neutrophils*	51.70	%	40.00 - 80.00
Lymphocytes*	32.70	%	20.00 - 40.00
Monocytes*	8.10	%	2.00 - 10.00
Eosinophils*	<b>7.50</b>	%	1.00 - 6.00
Basophils*	0.00	%	<2.00
<b>Absolute Leucocyte Count</b>			
Neutrophils*	3.84	thou/mm3	2.00 - 7.00
Lymphocytes*	2.43	thou/mm3	1.00 - 3.00
Monocytes*	0.60	thou/mm3	0.20 - 1.00
Eosinophils*	<b>0.56</b>	thou/mm3	0.02 - 0.50
Basophils*	<b>0.00</b>	thou/mm3	0.02 - 0.10
Platelet Count*	152.0	thou/mm3	150.00 - 410.00
Mean Platelet Volume*	<b>14.2</b>	fL	6.5 - 12.0

**Note**



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1. 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
2. Test conducted on EDTA whole blood



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Test Name	Results	Units	Bio. Ref. Interval
<b>URINE EXAMINATION, ROUTINE; URINE, R/E*</b> (Automated Strip test, Chemical, Light microscopy)			
<b>Physical</b>			
Colour	Slight Lemon Yellow		Pale yellow
Specific Gravity	1.020		1.001 - 1.030
pH	5		5.0 - 8.0
<b>Chemical</b>			
Proteins	Negative		Negative
Glucose	Negative		Negative
Ketones	Negative		Negative
Bilirubin	Negative		Negative
Urobilinogen	Negative		Negative
Leucocyte Esterase	Negative		Negative
Nitrite	Negative		Negative
<b>Microscopy</b>			
R.B.C.	Negative		0.0 - 2.0 RBC/hpf
Pus Cells	2-3 WBC/HPF		0-5 WBC / hpf
Epithelial Cells	0-1 Epi Cells/hpf		0.0 - 5.0 Epi cells/hpf
Casts	None seen		None seen/Lpf
Crystals	None seen		None seen
Others	None seen		None seen



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Test Name	Results	Units	Bio. Ref. Interval
ERYTHROCYTE SEDIMENTATION RATE (ESR)* (Capillary photometry)	11	mm/hr	0 - 15

**Note**

1. C-Reactive Protein (CRP) is the recommended test in acute inflammatory conditions.
2. Test conducted on EDTA whole blood at 37°C.
3. ESR readings are auto-corrected with respect to Hematocrit (PCV) values.

WIDAL TEST, SERUM (Slide Agglutination)	
Salmonella typhi O (TO)	Reactive upto Titre 1:20
Salmonella typhi H (TH)	Reactive upto Titre 1:20
Salmonella paratyphi A, H (AH)	Non Reactive
Salmonella paratyphi B, H (BH)	Non Reactive

**Interpretation**

RESULT	REMARKS
Reactive	Indicates presence of IgM & IgG antibodies against salmonella spp.
Non-Reactive	Indicates absence of IgM & IgG antibodies against salmonella spp.

**Note:**

1. Titres  $\geq 1:80$  of "O" antigen &  $\geq 1:160$  of "H" antigen for Salmonella typhi and titres  $\geq 1:80$  of "H" antigen for Salmonella paratyphi A & B are significant.
2. Rising titres in paired samples taken 7-10 days apart are more significant than a single test.
3. Reactive results indicates ongoing or recent infection by Salmonella spp. and the diagnosis should be confirmed by gold standard test such as Blood culture prior to start of antibiotics.
4. The reactivity will vary with stage of the disease with appearance in 1st week to increase in titres till end of 4th week post which it starts decreasing.
5. In TAB vaccinated patients, high titres of H antibody of  $\geq 1:160$  to each of Salmonellae is observed. They tend to persist for many months and even years while O antibody shows lower titres and disappears within 6 months.
6. Antibiotic treatment during 1st week before the appearance of antibodies tend to suppress the immune response in the form of no or decreasing antibody levels.



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- False positive results/anamnestic response may be seen in patients with past enteric infection during unrelated fevers like Malaria, Influenzae etc. in the form of transient rise in H antibody in Widal test.
- False negative results may be due to processing of sample collected early in the course of disease (1st week) and immunosuppression.
- Test conducted on serum.

**Uses**

- To diagnose infection due to Salmonella spp. (Enteric fever).
- To monitor the progression of disease.
- To assess the response to therapy (decreasing titres) in patients being treated for Enteric fever.



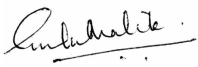
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MALARIA PARASITE / BLOOD PARASITE IDENTIFICATION* (Microscopy)	No MP seen in smears examined.		

**Note:** A Single negative smear does not rule out malaria

Test conducted on whole blood.



Dr Rachna Malik  
MD, Pathology  
Consultant Pathologist  
Dr Lal PathLabs Ltd



Dr Parul Joshi  
MD, Pathology  
Chief of Laboratory  
Dr Lal PathLabs Ltd

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

\* Test conducted under NABL scope MC-2618,LPL-NOIDA LAB at NOIDA

**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. •Sample repeats are accepted on request of Referring Physician within 7 days post reporting. •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.
  - Contact customer care Tel No. +91-11-39885050 for all queries related to test results.
- (#) Sample drawn from outside source.

