



Patient ID	TL-MRN-396198	Date/Time	25-04-2025/16:46
Name	Ms. KARUNYA PAUL B	Referred By	Emergency Physician
Age/Gender	20Y/F		

INVESTIGATION	RESULT	REFERENCE RANGE
HEMATOLOGY		
LRN-420280		ERYTHROCYTE SEDIMENTATION RATE (ESR)
Erythrocyte Sedimentation rate (ESR) Method:WESTERGRENS	40 mm/hr	Male 0 - 10 mm/hr Female 0 - 20 mm/hr
Sample Collection 25 Apr 2025 / 16:58 Result Approval 25 Apr 2025 / 21:33		Received at 25 Apr 2025 / 17:02
COMPLETE BLOOD COUNT		
Haemoglobin	13.1 g/dL	12-20 g/dL (0-1Month) 10-14 g/dL (1-15yr) 13-18 g/dL (>15yr Adult Male) 12- 15 g/dL (>15yr Adult Female)
WBC Count	8.69 10^3/uL	9 - 30 10^3/uL (0-7d Newborn) 5.7 - 18 10^3/uL (0-1yr Infants) 4.5 - 13.5 10^3/uL(1-15 yr Child) 4 - 11 10^3/uL (>15 y Adults)
Differential Count		
Neutrophils	50.5 %	17-60 % (<1yr Infant) 25-60 % (1-15yr Child) 40-75 % (Adults)
Lymphocytes	36.9 %	20-70 % (<1yr Infant) 25-50 % (1-15yr Child) 20-45 % (Adults)
Eosinophils	1.2 %	01-08 %
Monocytes	10.6 %	02-10 %
Basophils	0.8 %	00-01 %
RBC Count	4.57 million/cumm	4.5-6.0 million/cumm (Male) 4.0-5.5 million/cumm (Female)
PCV	39.9 %	41-60 % (0-1m Neonates) 31-42 % (1-15y Child) 40-54 % (>15yr Adult Male) 34-48 % (>15yr Adult Female)
MCV	87.3 fl	75-95fl -Adult

Vinnoli
Technician




Dr Kathleen
Visiting Consultant

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MCH	28.7 pg	100-120fl -Birth 72-84fl -1Yr 75-87fl -2-6Yrs 77-95fl -6-12Yrs
MCHC	32.9 %	26-32pg -Adult 27-33pg -2months 24-30pg -3months 25-33pg -6-12Yrs
Platelet Count	386 Cells/cumm	30-35% Adult 29-37% Birth - 12Yrs
Mean Platelet Volume	8.3 um^3	150-450 x10^3/µL
Red Distribution Width	14.1 %	8.0 - 11.0 um^3
Observation		11.0 - 17.0 %

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SEROLOGY

LRN-420281

WIDAL TEST - SLIDE

S.Typhi 'O'	< 1 : 20	< 1 : 20
S.Typhi 'H'	< 1 : 20	< 1 : 20
S.Typhi 'AH'	< 1 : 20	< 1 : 20
S.Typhi 'BH'	< 1 : 20	< 1 : 20

Interpretation

- Titres greater than or equal to 1:80 of O antigen & greater than or equal to 1:160 of H antigen are considered significant.
- A four-fold rise in antibody titre demonstrated by testing paired sera at a 1-week interval is significant.
- This test measures somatic O and flagellar H antibodies against Typhoid and Paratyphoid bacilli.
- A positive Widal test may occur due to anamnestic response, typhoid vaccination, inapparent infection or in certain autoimmune diseases.
- The test may be falsely negative in cases of Enteric fever treated with antibiotics in the early stages.

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----- End of Report -----

Kavanakshi C
Junior Technician




Dr. Kathleen
Visiting Consultant

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