

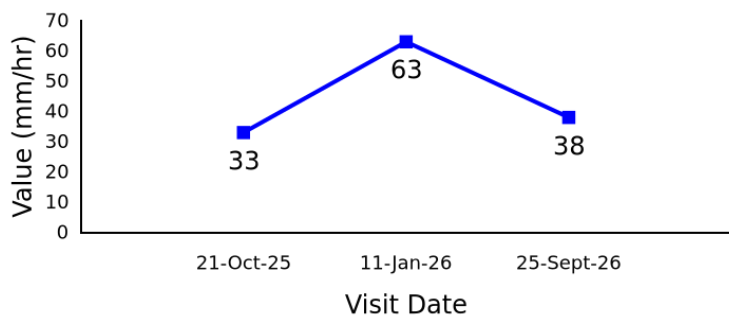


Name : Mr. **SADAGOPAN C**
Age / Gender : 59.11 Year(s)/ Male
Contact No. : +919176601106
Address : 213 LAND MARVEL APARTMENT 1ST FLOO...
Pin code : 600028

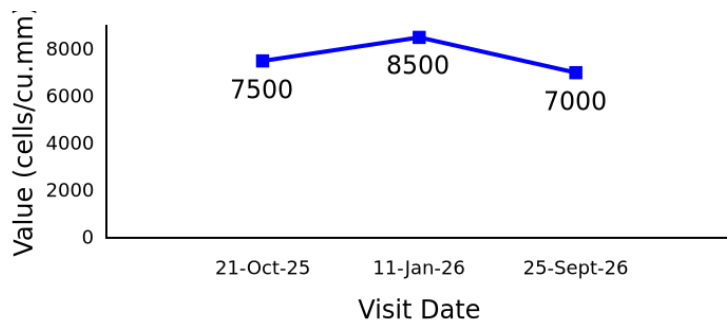
VID No. : 260000103262340
PID No. : P50925556047955
Referred by : SELF
Registered On : 25/09/2026 6:06 AM
Collected On : 25/09/2026 6:06 AM
Reported On : 25/09/2026 2:05 PM

Result Trend (For selected tests used for followup)

ESR (Erythrocyte Sedimentation Rate)



Total Leucocytes (WBC) Count



MEDICAL LABORATORY REPORT



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CBC Haemogram

Investigation	Observed Value	Unit	Biological Reference Interval
<u>Erythrocytes</u>			
Haemoglobin (Hb) (Photometric measurement)	11.5	gm/dL	13.5-18
Erythrocyte (RBC) Count (RBC Pulse Height Detection method)	3.98	mill/cu.mm	4.7-6.0
PCV (Packed Cell Volume) (Calculated)	35.6	%	42-52
MCV (Mean Corpuscular Volume) (Automated - Pulse Height Detection)	89.4	fL	78-100
MCH (Mean Corpuscular Hb) (Calculated)	28.9	pg	27-31
MCHC (Mean Corpuscular Hb Conc.) (Calculated)	32.4	gm/dL	32-36
RDW (Red Cell Distribution Width) (Derived from RBC Histogram)	13.8	%	11.5-14.0
<u>Leucocytes</u>			
Total Leucocytes (WBC) Count (Automated Cell Counter)	7000	cells/cu.mm	4000-10500
Absolute Neutrophils Count (Calculated)	5628	cells/cu.mm	2000-7000
Absolute Lymphocyte Count	539	cells/cu.mm	1000-3000
Absolute Monocyte Count (Calculated)	560	cells/cu.mm	200-1000
Absolute Eosinophil Count (Calculated)	238	cells/cu.mm	20-500
Absolute Basophil Count (Calculated)	35	cells/cu.mm	20-100
Neutrophils (Automated Cell Counter)	80.40	%	40-80
Lymphocytes (Automated Cell Counter)	7.7	%	20-40
Monocytes (Automated Cell Counter)	8.00	%	02-10

Dr. HEMAPRIYA.K
MD (Pathology)
Consultant Pathologist
Reg No. 116254

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Investigation	Observed Value	Unit	Biological Reference Interval
Eosinophils (Automated Cell Counter)	3.4	%	1-6
Basophils (Automated Cell Counter)	0.5	%	0-2
<u>Platelets</u>			
Platelet count (Automated - Pulse Height Detection)	229	10 ³ /μL	150-450
MPV (Mean Platelet Volume)	7.6	fL	6-9.5
PCT (Platelet Haematocrit) (Calculated)	0.173	%	0.2-0.5
PDW (Platelet Distribution Width) (Calculated)	16.8	%	9-17

EDTA Whole Blood - Tests done on Automated Five Part Cell Counter. (WBC,Platelet count by impedance method/DC detection,RBC by pulse height detection method, HB by Automated - Photometric Measurement, WBC differential by VCS technology other parameters calculated)

All Abnormal Haemograms are reviewed confirmed microscopically.

Differential count is based on approximately 10,000 cells.

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Investigation

Observed Value

Unit

Biological Reference Interval

CRP (C Reactive Protein), Serum

36.53

mg/L

< 5.0

(Serum, Immunoturbidimetry)

Interpretation : C-Reactive Protein (CRP) is an acute phase reactant which is a protein released during inflammation by cytokines.

Increased CRP: Seen in various inflammatory conditions such as infection (bacterial/ viral/ fungal), autoimmune diseases, Cardiovascular disease, Inflammatory bowel disease, injuries etc

Decreased CRP: Seen in Patients on carboxypenicillins, Liver failure etc.

Limitations:

- Elevated CRP values are non-specific and should not be interpreted without a complete history.
- Heterophile antibodies may give falsely high levels.
- Elevated CRP can also be genetic, age related and sedentary lifestyle, exposure to environmental toxins, diet that includes refined, processed manufactured foods.

Note :

If the test has been ordered for COVID-19 purpose, you may take one of the following profiles for further investigation under your clinician's advice.

- Covid Monitor Initial profile (C0374) from Day 1 to Day 5
- Covid Monitor maintenance profile (C0375) from Day 5 to Day 10
- Covid Monitor Recovery profile (C0376) after discharge.

Associated Tests: Interleukin -6 CLIA Plasma (I0279)

Reference:

- Package insert
- Wallach's interpretation of diagnostic tests, Ed11, 2020
- Henry's Clinical Diagnosis and Management by Laboratory Methods. 23rd ed; 2017.
- Khera a, Mcguire DK, Murphy, et al. Race and gender differences in C- reactive protein levels. J Am Coll Cardiol. 2005;46:464-469.
- Tietz fundamentals of clinical chemistry 6th edition. Burtis CA, Ashwood ER, Bruns DE, 2008.

Dr. LAKSHMI KANTH.R.M.
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Investigation

Observed Value

Unit

Biological Reference Interval

Haemogram Advanced Profile - 1

ESR (Erythrocyte Sedimentation Rate) **38**

mm/hr

0-15

(EDTA Whole Blood,Capillary Photometry)

Interpretation:

- It indicates presence and intensity of an inflammatory process, never diagnostic of a specific disease. Changes are more significant than a single abnormal test.
- It is a prognostic test and used to monitor the course or response to treatment of diseases like tuberculosis, bacterial endocarditis, acute rheumatic fever, rheumatoid arthritis, SLE, Hodgkins disease, temporal arteritis, polymyalgia rheumatica.
- It is also increased in pregnancy, multiple myeloma, menstruation, and hypothyroidism.

Remark: ESR Performed using capillary photometric aggregation (for automated analysis) & westergrens (for manual testing).

-- End of Report --



Test Marked with NABL symbol are in the scope of accreditation

Dr. Lakshmi

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