Orange Health Labs

Blood reports in **6 hours**

Highest Rated Lab
4.9/5 ★★★★★

Recommended by
1000+ doctors

Trusted by
1 Million+ customers

OrangeHealthLabs
A UNIT OF ORCHARD HEALTHCARE PVT LTD

Name	: **Manikandan Ramanathan**	**Age/Sex**	: 29 Year(s)/Male	**Collected On**	: 10/12/2024 07:04 AM
Patient ID	: OHP0XNSS1118577	**Ref. Doctor**	: -	**Received On**	: 10/12/2024 07:29 AM
Visit ID	: BL113882601	**Partner**	: -	**Reported On**	: 10/12/2024 08:38 AM

Test	Results	Units	Biological Reference
BIOCHEMISTRY			
C-Reactive Protein (CRP) Serum,Non-Competitive Immunorate Assay	5.5	mg/L	<10

Clinical Significance:
CRP is an acute phase reactant which is used in inflammatory disorders for monitoring course and effect of therapy. It is most useful as an indicator of activity in Rheumatoid arthritis, Rheumatic fever, tissue injury or necrosis and infections. 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.

Orchard Healthcare Pvt. Ltd.
2nd floor, #912, GKR Towers, 80 ft road, Koramangala 6th block, Bengaluru 560095
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Test	Results	Units	Biological Reference
HAEMATOLOGY			
Complete Blood Count (CBC) with ESR			
Whole Blood			
Red Blood Cells (RBC) Count DC Impedance Method	**5.79**	mill/mm³	4.5 - 5.5
Hemoglobin (Hb) Cyanide-free SLS method	15.1	g/dL	13 - 17
Hematocrit (HCT) | Packed Cell Volume (PCV) Calculated	47.4	%	40 - 50
Mean Corpuscular Volume (MCV) Calculated	**81.8**	fL	83 - 101
Mean Corpuscular Hemoglobin (MCH) Calculated	**26.2**	pg	27 - 32
Mean Corpuscular Hemoglobin Concentration (MCHC) Calculated	31.9	g/dL	31.5 - 34.5
Red Cell Distribution Width (RDW) CV Calculated	13.9	%	11.6 - 14
Mentzer Index Calculated	14.1		Beta Thalassemia trait: < 14 Iron deficiency anaemia: >= 14
Sehgal Index Calculated	1155.7		Beta Thalassemia trait: < 972 Iron deficiency anaemia: => 972
Total White Blood Cell Count (TC) Flow Cytometry	6150	cells/mm³	4000 - 10000
Differential Count			
Neutrophils Flow Cytometry	70.7	%	40 - 80
Lymphocytes Flow Cytometry	21.6	%	20 - 40
Monocytes Flow Cytometry	4.6	%	2 - 10

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Test	Results	Units	Biological Reference
Eosinophils Flow Cytometry	2.8	%	1 - 6
Basophils Flow Cytometry	0.3	%	0 - 2
Absolute Neutrophil Count (ANC) Calculated	4348	/mm³	2000 - 7000
Absolute Lymphocyte Count (ALC) Calculated	1328	/mm³	1000 - 3000
Absolute Monocyte Count (AMC) Calculated	283	/mm³	200 - 1000
Absolute Eosinophil Count (AEC) Calculated	172	/mm³	20 - 500
Absolute Basophil Count (ABC) Calculated	18	/mm³	0 - 100
Neutrophil Lymphocyte Ratio (NLR) Calculated	**3.3**		1 - 3
Platelet Count DC Impedance Method	401	10^3/µL	150 - 450
Platelet Hematocrit Calculated	0.283	%	0.2 - 0.5
Mean Platelet Volume (MPV) Calculated	7.1	fL	7 - 13
Erythrocyte Sedimentation Rate (ESR) Quantitative Capillary Photometry	3	mm/h	0 - 10

- Reference Ranges are in accordance with Dacie & Lewis Practical Hematology International Edition (12th)
- As per International Council for Standardization in Hematology's recommendations Differential Leucocyte counts are additionally reported in Absolute numbers in each cell per unit volume of blood.

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Test	Results	Units	Biological Reference

SEROLOGY

Hepatitis B Surface Antigen (HbsAg)
Serum,Chemiluminescent Immunoassay

Results	Units	Biological Reference
0.09	S/C Units	Non-reactive: < 0.90 Reactive: => 1.00 Borderline: 0.90-1.00

Clinical Significance:

The results from this or any other diagnostic test should be used and interpreted only in the context of the overall clinical picture. A negative test result does not exclude the possibility of exposure to or infection with hepatitis B virus. Levels of HBsAg may be undetectable both in early infection and late after infection.

VDRL
Serum,Immunochromatography with Flocculation

Results	Units	Biological Reference
Non-reactive		Non-reactive

Clinical Significance:

VDRL is a non-treponemal serological test.

Biological false positive reaction can occur in:

- Viral infections
- Malaria
- Following vaccination
- Autoimmune disease such as SLE and RA
- Leprosy

When Biological false positives do occur, they may be of low titer (<1:8 dilution)

Syphilis can be excluded in patients with biological false positive reactions by doing a treponemal(specific) serological test such as TPHA or FTA-Abs.

Hepatitis C Virus (HCV) Antibody
Serum,Chemiluminescent Immunoassay

Results	Units	Biological Reference
0.01	S/C Units	Non-reactive: < 0.90 Reactive: => 1.00 Borderline: 0.90-1.00

Clinical Significance:

The results from this or any other diagnostic test should be used and interpreted only in the context of the overall clinical picture. A negative test result does not exclude the possibility of exposure to or infection with HCV. HCV antibodies may be undetectable in some stages of the infection and in some clinical conditions.

Human Immunodeficiency Virus (HIV) 1 & 2
Serum,Chemiluminescent Immunoassay

Results	Units	Biological Reference
0.20	S/C Units	Non-reactive: < 0.90 Reactive: => 1.00

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Test	Results	Units	Biological Reference

Clinical Significance:

The VITROS HIV Combo test uses 3 recombinant antigens derived from HIV-1 envelope (env 13), HIV-1 group O envelope (env 70-3) and HIV-2 envelope (env 31). These antigens detect antibodies to HIV-1 and antibodies to HIV-2 in the same test.
The VITROS HIV Combo test also uses antibodies to HIV p24 antigen to enable detection of HIV p24 antigen that may be present in early seroconversion before the onset of antibody response enabling earlier diagnosis of HIV infection.
The results from this or any other diagnostic test should be used and interpreted only in the context of the overall clinical picture. Repeat testing after 3 to 6 months later is advised if clinically indicated.

Dr. Jushmita Pathak
MBBS, MD (Pathology)
Pathologist

Dr. Sanchit Singhal
MBBS, MD (Pathology)
Pathologist

CONDITIONS OF LABORATORY TESTING & REPORTING

- Tests marked with NABL symbol are accredited by NABL vide certificate no MC-6367
- It is presumed that the test sample belongs to the patient named or identified in the test requisition form. Test results released pertain to the specimen submitted.
- Laboratory investigations are only a tool to facilitate arriving at a diagnosis and should be clinically correlated by the Referring Physician.
- All tests are performed and reported as per the turnaround time stated in the Orange Health Labs Directory of Services (DOS).
- Orange Health Labs confirms that all tests have been performed or assayed with the highest quality standards, clinical safety & technical integrity.
- All test results are dependent on the quality of the sample received by the Laboratory and the assay technology.
- Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.
- A requested test might not be performed if:
  - The specimen received is insufficient or inappropriate, or the specimen quality is unsatisfactory
  - Incorrect specimen type
  - Request for testing is withdrawn by the ordering doctor or patient
  - There is a discrepancy between the label on the specimen container and the name on the test requisition form
- Test results may show interlaboratory variations.
- Test results are not valid for medico-legal purposes.
- This is a computer-generated medical diagnostic report that has been validated by an Authorized Medical Practitioner/Doctor. The report does not need a physical signature.

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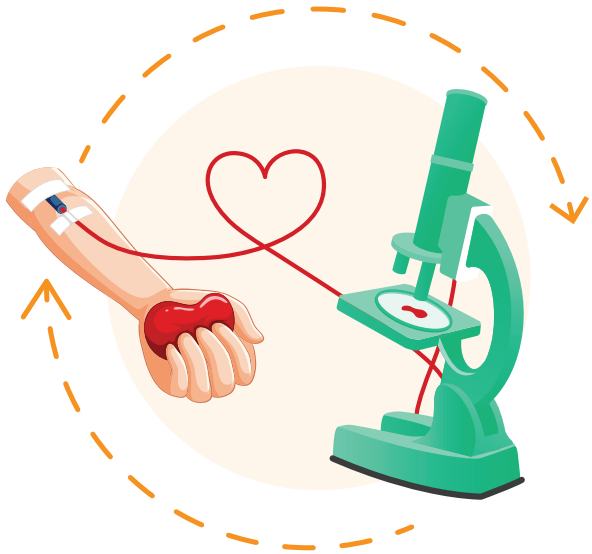
IN MATTERS RELATED TO HEALTH,

FASTER IS BETTER.

We equate showing care to showing urgency.

Blood starts deteriorating the minute it leaves the human vein, unless stored right. We have built our logistics to achieve the **fastest vein-to-machine testing time** in the industry, and in our journey ahead will strive to reduce it further as much as possible.



HOW ARE WE

FASTER THAN OTHERS?

We identified two gaps in diagnostics: **sample transportation time** and **processing delays.**

We have solved for these problems by our approach of:

NO COLLECTION CENTRES

Your samples are sent straight to our labs at the right temperature.

NO BATCH TESTING

We don't batch your samples to save costs. They are tested the moment they come in.

NO TIME WASTED

Since we test your blood the fastest, you get the most accurate reports in the industry.

Medically designed checkups only at Orange Health Labs
Allergy Checkups | Hormonal Health | Cancer Screening | Heart Health Markers