

Laboratory Investigation Report

Patient Name	Centre
Age/Gender	OP/IP No/UHID
MaxID/Lab ID	Collection Date/Time
Ref Doctor	Reporting Date/Time

Hematology

Max VitB12 /Folate Deficiency Anemia Profile



Complete Haemogram, Peripheral Smear and ESR, EDTA*

Date	24/Aug/2023 11:50AM	21/Aug/23 11:10AM	15/Nov/22 10:24AM	Unit	Bio Ref Interval
Haemoglobin <small>Modified cyanmethemoglobin</small>	8.1	8.5	10.2	g/dl	12.0 - 15.0
Packed Cell, Volume <small>Calculated</small>	27.8	28.8	33.1	%	40-50
Total Leucocyte Count (TLC) <small>Electrical Impedance</small>	11.4	10.7	11.8	10~9/L	4.0-10.0
RBC Count <small>Electrical Impedance</small>	4.72	4.86	5.16	10~12/L	3.8-4.8
MCV <small>Electrical Impedance</small>	59.0	59.3	64.2	fL	83-101
MCH <small>Calculated</small>	17.2	17.5	19.8	pg	27-32
MCHC <small>Calculated</small>	29.1	29.4	30.9	g/dl	31.5-34.5
Platelet Count <small>Electrical Impedance</small>	393	428	379	10~9/L	150-410
MPV <small>Calculated</small>	8.8	9.0	9.5	fl	7.8-11.2
RDW <small>Calculated</small>	19.4	19.5	19.6	%	11.5-14.5

Differential Cell Count

VCS / Light Microscopy

Neutrophils	64.9	60.7	65.2	%	40-80
Lymphocytes	28.8	30.4	26.1	%	20-40
Monocytes	4.5	6.2	7.0	%	2-10
Eosinophils	1.3	2.4	1.4	%	1-6
Basophils	0.5	0.3	0.3	%	0-2

Absolute Leukocyte Count

Calculated from TLC & DLC

Absolute Neutrophil Count	7.4	6.49	7.69	10~9/L	2.0-7.0
Absolute Lymphocyte Count	3.3	3.2	3.1	10~9/L	1.0-3.0
Absolute Monocyte Count	0.51	0.66	0.83	10~9/L	0.2-1.0
Absolute Eosinophil Count	0.15	0.26	0.17	10~9/L	0.02-0.5
Absolute Basophil Count	0.06	0.03	0.04	10~9/L	0.02-0.1
ESR (Westergren)	20	18	20	mm/hr	<=12

Peripheral Smear Examination

Test Performed at :1380 - Holy Heart Hospital, 330 Vinay Nagar Delhi Bypass Chowk Rohtak

Booking Centre :4095 - Max Lab Huda Complex Rohtak, SCF-5, Ground Floor, Huda Complex, 9991113502

The authenticity of the report can be verified by scanning the Q R Code on top of the page

Max Lab Limited (A Wholly Owned Subsidiary of Max Healthcare Institute Ltd.)

Max Super Speciality Hospital, Saket (West Block), 1, Press Enclave Road, Saket, New Delhi - 110 017, Phone: +91-11-6611 5050

(CIN No.: U85100DL2021PLC381826)

📞 Helpline No. 7982 100 200 🌐 www.maxlab.co.in 📧 feedback@maxlab.co.in

Conditions of Reporting: 1. The tests are carried out in the lab with the presumption that the specimen belongs to the patient name as identified in the bill/test request form. 2. The test results relate specifically to the sample received in the lab and are presumed to have been generated and transported per specific instructions given by the physicians/laboratory. 3. The reported results are for the information and interpretation by the referring doctor only. 4. Some tests are referred to other laboratories to provide a wider test menu to the customer. 5. Max Healthcare shall in no event be liable for accidental damages loss, or destruction of specimen which is not attributable to any direct and mala fide act or omission of Max Healthcare or its employees. Liability of Max Healthcare for deficiency of services, or other errors and omissions shall be limited to fee paid by the patient for the relevant laboratory services.

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RBC: - Microcytic hypochromic blood picture

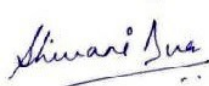
WBC: - Neutrophilic Leukocytosis noted

Platelet: - Adequate

No hemoparasite seen

Kindly correlate with clinical findings

*** End Of Report ***



Dr. Shivani Dua
M.D. Pathology

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Clinical Biochemistry

Max VitB12 /Folate Deficiency Anemia Profile




LDH (Lactate Dehydrogenase) Total , Serum*

Date	24/Aug/2023 11:50AM	Unit	Bio Ref Interval
LDH Enzymatic	179.7	IU/L	98 - 192

Kindly correlate with clinical findings

*** End Of Report ***


Dr. Shivani Dua
M.D. Pathology

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Immunoassay

Max VitB12 /Folate Deficiency Anemia Profile



Vitamin B12 & Folate, Serum

Date	24/Aug/2023 01:04PM	Unit	Bio Ref Interval
Vitamin B12 CLIA	126.0	pg/mL	120 - 914
Folate Serum CLIA	4.8	ng/mL	>5.9

Comment

Reference Group for Folate in ng/ml:

Normal Range: (> 5.9)
Indeterminate Range: (4.0 - 5.9)
Deficient Range: (< 4.0)

Note:- Vitamin B12 (Cobalamin)

Vitamin B12 is tested for patients with GIT disease, Neurological disease, psychiatric disturbances, malnutrition, alcohol abuse. Increased in chronic renal failure, severe CHF. Decreased in megaloblastic anemia.

Advise: CBC, peripheral smear, serum folate levels, intrinsic factor antibodies (IFA), bone marrow examination, if Vit B12 deficient.

Folate :-

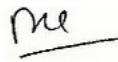
A folate deficiency can lead to megaloblastic anemia and ultimately to severe neurological problems. Folate deficiency can be caused by insufficient dietary intake, malabsorption or excessive folate utilization, which is common during pregnancy, alcoholism, hepatitis, or other liver-damaging diseases.

Kindly correlate with clinical findings

*** End Of Report ***



Dr. Poonam S. Das, M.D.
Principal Director-
Max Lab & Blood Bank Services



Dr. Dilip Kumar M.D.
Associate Director &
Manager Quality



Dr. Nitin Dayal, M.D.
Principal Consultant & Head,
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Test Performed at :910 - Max Hospital - Saket M S S H, Press Enclave Road, Mandir Marg, Saket, New Delhi, Delhi 110017
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MC-2714