

BOKARO PATHOLOGICAL LABORATORY

☎ : 9234941644, 8709950790

44, Co-operative Colony, B.S.City-827001 (Jharkhand), Reg. No.: JH2035500721

PATHOLOGICAL REPORT

NAME : MR. GOPAL GHANSA

AGE: 55 Years Male

Date: 15/07/2024

Ref. by: Dr. NIRANJAN KUMAR M.B.B.S M.D

RegNo: 20240715087

Test	Result	Normal Range
Complete Blood Count		
Haemoglobin	7.0 gm%	M:13-17 F:11.5-15 gm%
Total WBC Count	9,200 Per Cubic mm	4000-10000/ Cubic mm
Total RBC	2.4 million / cmm	M:4.5-5.5 F:3.9-4.8
Platelets Count	1,70,000 Per Cubic mm	1.5-4.5 Lakh / Cubic mm
Neutrophil	73 %	40-70%
Lymphocyte	16 %	20-50 %
Eosinophil	11 %	1%-7%
Monocyte	00 %	2-10%
Basophil	00 %	<2%
PCV	23.1 %	M40-50/F-36-46 %
MCV	94.1 fl	83-101 fl
MCH	28.6 pg	27-32 pg
MCHC	30.4 g/dl	31.5-34.5 g/dl
Bio-Chemistry		
Blood Sugar (Random)	97 mg/dl	60-140 mg/dl
Serum Calcium	8.2 mg%	9.0-11.0 mg%
S.Sodium	138 meq/L	130-150 meq/L
S.Potassium	5.0 meq/L	3.5-5.0 meq/L
Kidney Function Test		
Blood Urea	111 mg%	14-40 mg%
Serum Creatinine	9.2 mg%	0.6-1.4 mg%
Serum Uric Acid	7.0 mg%	2.5-7.0 mg%
Liver Function Test		
Serum Bilirubin Total	0.6 mg%	0.5-1.0 mg%
Serum Bilirubin Direct	0.2 mg%	0.2-0.6 mg%
Serum Bilirubin Indirect	0.4 mg%	0.2-0.6 mg%
SAP	77 U/L	AD 40-170 CH-100-250 U/L
SGPT	20 U/L	5-40 U/L
SGOT	15 U/L	5-35 U/L
Serum Protein	6.4 gm%	6.0-8.0 gm%

P.P.R.

Prasad

d



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Test	Result	Normal Range
Hba1c - (HPLC - NGSP Certified) HBA1C	5.7 %	Below 5.7% : Normal 5.6 - 6.4% : Prediabetic >=6.5% : Diabetic
Average Blood Glucose (ABG)	116 mg/dl	90-120 mg/dl : Good Control 121-150 mg/dl : Fair Control 151-180 mg/dl : Unsatisfactory Control, >180 mg/dl : Poor Control

R. S. Gh

P. S. Gh

[Signature]



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RegNo: 20240715087

Test	Result	Normal Range
Serum Albumin	3.7 gm%	3.8-5.0 gm%
Serum Globulin	2.7 gm%	2.50 - 3.40 gm%
A/G Ratio	1.3	0.9-2.0
Serology		
HBS Ag	Non-Reactive	Non Reactive


P. S. Ghosha

P. S. Ghosha

D

Name : Mr. GOPAL GHANSA
 Lab No. : 455144024
 Ref By : DR NIRANJAN KUMAR MBBS MD
 Collected : 15/7/2024 10:09:00PM
 A/c Status : P
 Collected at : BOKARO PATHOLOGICAL LABORATORY
 44, CO-OP COLONY
 BOKARO

Age : 55 Years
 Gender : Male
 Reported : 16/7/2024 3:01:13PM
 Report Status : Final
 Processed at : LPL-KOLKATA REFERENCE LAB
 DR LAL PATH LABS LTD
 Premises No-031-0199 Plot No-CB 31/1 Street 199 Action Area 1C, Newtown Kolkata-700156



Test Report

Test Name	Results	Units	Bio. Ref. Interval
FERRITIN, SERUM (ECLIA)			
Ferritin	254.00	ng/mL	30 - 400

Note: Increase in serum ferritin due to inflammatory conditions (Acute phase response) can mask a diagnostically low result

Comments

Serum ferritin appears to be in equilibrium with tissue ferritin and is a good indicator of storage iron in normal subjects and in most disorders. In patients with some hepatocellular diseases, malignancies and inflammatory diseases, serum ferritin is a disproportionately high estimate of storage iron because serum ferritin is an acute phase reactant. In such disorders iron deficiency anemia may exist with a normal serum ferritin concentration. In the presence of inflammation, persons with low serum ferritin are likely to respond to iron therapy.

Increased Levels

- Iron overload - Hemochromatosis, Thalassemia & Sideroblastic anemia
- Malignant conditions - Acute myeloblastic & Lymphoblastic leukemia, Hodgkin's disease & Breast carcinoma
- Inflammatory diseases - Pulmonary infections, Osteomyelitis, Chronic UTI, Rheumatoid arthritis, SLE, burns
- Acute & Chronic hepatocellular disease

Decreased Levels

Iron deficiency anemia

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 00156



Test Report

Test Name	Results	Units	Bio. Ref. Interval
IRON STUDIES, SERUM			
Iron (Ferrozine)	49.00	µg/dL	59.00 - 158.00
Total Iron Binding Capacity (TIBC) (Calculated)	187.00	µg/dL	228.00 - 428.00
Transferrin Saturation (Calculated)	26.20	%	20.00 - 50.00
UIBC (Ferrozine)	138.00	µg/dL	112.00 - 346.00

Comments

Iron is an essential trace mineral element which forms an important component of hemoglobin, metallocompounds and Vitamin A. Deficiency of iron, leads to microcytic hypochromic anemia. The toxic effects of iron are deposition of iron in various organs of the body and hemochromatosis.

Total Iron Binding capacity (TIBC) is a direct measure of the protein Transferrin which transports iron from the gut to storage sites in the bone marrow. In iron deficiency anemia, serum iron is reduced and TIBC increases.

Transferrin Saturation occurs in Idiopathic hemochromatosis and Transfusional hemosiderosis where no unsaturated iron binding capacity is available for iron mobilization. Similar condition is seen in congenital deficiency of Transferrin.

WBMC 95177

Dr. Aratrika Sau
 WBMC84546

Dr. Aman Swami
 MBBS, MD Pathology
 Jr. Consultant Pathologist
 KRL - Dr Lal PathLabs Ltd

Dr. Aratrika Sau
 MBBS, MD, Biochemistry
 Jr. Consultant Biochemist
 KRL - Dr Lal PathLabs Ltd

End of report





Name : **Mr. GOPAL GHANSA**
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Test Report

Test Name	Results	Units	Bio. Ref. Interval
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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. *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. *This is computer generated medical diagnostic report that has been validated by Authorized Medical
 Practitioner/Doctor. *The report does not need physical signature.
 (If) Sample drawn from outside source.
 If Test results are alarming or unexpected, client is advised to contact the Customer Care immediately for possible remedial action.
 Tel: +91-11-49885050, Fax: - +91-11-2788-2134, E-mail: lalpathlabs@lalpathlabs.com
 Kolkata Reference lab, Kolkata, a ISO 9001:2015 (FS709629) Certified laboratory.

PATHOLOGICAL REPORT

NAME : GOPAL GHASHI

AGE: Years **Male**

Date: 18/07/2024

Ref. by: Dr. NIRANJAN KUMAR M.B.B.S M.D

RegNo: 20240718105

Test	Result	Normal Range
Serology		
Rapid - HIV 1&2	Non-Reactive	Non Reactive
Rapid - HCV	Non-Reactive	Non Reactive

DR R. Shankar
MBBS, MD(Pathology)

DR Prem Narain
MBBS, MIAP

Medical Technologist