



Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologis			Dr. Yugam Chopra MD (Pathology) CEO & Consultant Pathologist	
NAME	: Mr. KRISHNA			
AGE/ GENDER	: 17 YRS/MALE	PATIE	NT ID	: 1542570
COLLECTED BY	:	REG. N	O./LAB NO.	: 012407080059
REFERRED BY	:	REGIST	FRATION DATE	: 08/Jul/2024 06:43 PM
BARCODE NO.	: 01512767	COLLE	CTION DATE	: 08/Jul/2024 06:45PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPOR	TING DATE	: 08/Jul/2024 07:31PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HAEMOGLOBIN (HB		HAEMOGLOBIN 14.5	N (HB) gm/dL	12.0 - 17.0
			•	12.0 17.0
by CALORIMETRIC		11.0	gini de	12.0 11.0
tissues back to the lu A low hemoglobin lev ANEMIA (DECRESED I 1) Loss of blood (trau 2) Nutritional deficie 3) Bone marrow prob 4) Suppression by red 5) Kidney failure 6) Abnormal hemoglo POLYCYTHEMIA (INCF	ngs. rel is referred to as ANEMIA or HAEMOGLOBIN): Imatic injury, surgery, bleeding ncy (iron, vitamin B12, folate) lems (replacement of bone ma blood cell synthesis by cheme bbin structure (sickle cell anen REASED HAEMOGLOBIN):	low red blood count. g, colon cancer or stomach rrow by cancer) otherapy drugs		odys tissues and returns carbon dioxide from the
2) Smoking (Seconda 3) Dehydration produ 4) Advanced lung dise 5) Certain tumors 6) A disorder of the b 7) Abuse of the drug	ices a falsely rise in hemoglobi ease (for example, emphysema one marrow known as polycyt) hemia rubra vera, etes for blood doping purpe		e amount of oxygen available to the body by

KOS Diagnostic Lab (A Unit of KOS Healthcare)

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)





TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Microbiolog Chairman & Consultant Patho	у)	gam Chopra MD (Pathology) ultant Pathologist				
NAME : Mr. K	RISHNA						
AGE/ GENDER : 17 YRS	S/MALE	PATIENT ID	: 1542570				
COLLECTED BY :		REG. NO./LAB NO.	: 012407080059				
REFERRED BY :		REGISTRATION DAT	FE : 08/Jul/2024 06:43 PM				
BARCODE NO. : 01512	767	COLLECTION DATE	: 08/Jul/2024 06:45PM				
CLIENT CODE. : KOS D	IAGNOSTIC LAB	REPORTING DATE	: 08/Jul/2024 09:01PM				
CLIENT ADDRESS : 6349/	1, NICHOLSON ROAD, AMBALA CA	NTT					
Test Name	Value	Unit	Biological Reference interval				
		Unit					
CLINICAL CHEMISTRY/BIOCHEMISTRY							
FERRITIN							
	20.0						
FERRITIN: SERUM by CLIA (CHEMILUMINESCENCE I	20.2 IMMUNOASSAY)	ng/m	nL 10.0 - 290.0				
storage iron because serum fe concentration. In the presence DECREASED: 1. Iron depletion appears to be 2. Hypothyroidism. 3. Vitamin-C deficiency. INCREASED FERRITIN DUE TO IR 1. Hemochromatosis or hemos 2. Wilson Disease. INCREASED FERRITIN DUE TO IR 1. Transfusion overload 2. Excess dietary Iron 3. Porphyria Cutanea tada 4. Ineffective erythropoiesis. INCREASED FERRITIN WITHOUT 1. Liver disorders (NASH) or vir 2. Inflammatory conditions (Fe 3. Leukaemia, hodgkin's diseas 4. Alcohol excess. 5. Other malignancies in which synthesis of ferritin by tumour 6. Ferritin levels below 10 ng/r NOTE: 1. As Ferritin is an acute phase I false positive results. It can ther proteins to rule out any inflamm	rritin is an acute phase reactant. In e of inflammation, persons with low set the only condition associated with CON OVERLOAD (PRIMARY): siderosis. CON OVERLOAD (SECONDARY): CIRON OVERLOAD (SECONDARY): an increases probably reflect the escate cells. In increases probably reflect the escate cells. In have been reported as indicative reactant, it is often raised in both acute refore mask a diagnostically low result anaemia may occasionally have elevatorical in the patocellular injury.	such disorders iron deficie serum ferritin are likely to reduced serum ferritin con th acute and chronic. ape of ferritin from damage of iron deficiency anemia. Ite and chronic inflammator It. In such Cases serum ferrit	ed liver cells, impaired clearance from the plasma,				

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