



	Dr. Vinay C MD (Pathology Chairman & Co	Chopra • & Microbiology) onsultant Pathologis		(Pathology)
NAME	: Mr. SUDESH KUMAR			
AGE/ GENDER	: 77 YRS/MALE		PATIENT ID	: 1390816
COLLECTED BY	:		REG. NO./LAB NO.	: 012407030006
REFERRED BY	:		REGISTRATION DATE	: 03/Jul/2024 07:36 AM
BARCODE NO.	:01512413		COLLECTION DATE	: 03/Jul/2024 07:39AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 03/Jul/2024 09:07AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAI	D, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
HAEMOGLOBIN (HB)	14.7	gm/dL	12.0 - 17.0
by CALORIMETRIC INTERPRETATION:-		lla that corrige outer	an fann tha lunga to tha b	adus tissuss and naturns southan disuids from t
tissues back to the lu	otein molecule in rea blood ce Ings.	lis that carries oxyg	ien from the lungs to the b	odys tissues and returns carbon dioxide from t
A low hemoglobin lev ANEMIA (DECRESED	vel is referred to as ANEMIA or	low red blood coun	t.	
1) Loss of blood (trai	umatic injury, surgery, bleeding	g, colon cancer or s	tomach ulcer)	
2) Nutritional deficie 3) Bone marrow prot	ncy (iron, vitamin B12, folate) plems (replacement of bone ma	rrow by cancer)		
4) Suppression by re-	d blood cell synthesis by cheme	otherapy drugs		
5) Kidney failure 6) Abnormal hemogl	obin structure (sickle cell anen	nia or thalassemia)		
POLYCYTHEMIA (INCI	REASED HAEMOGLOBIN):			
 People in higher a Smoking (Seconda) 	Ititudes (Physiological) ry Polycythemia)			
3) Dehydration produ	uces a falsely rise in hemoglobi	in due to increased	haemoconcentration	
 Advanced lung dis Certain tumors 	ease (for example, emphysema)		
6) A disorder of the b	oone marrow known as polycyt	hemia rubra vera,		
	erythropoetin (Epogen) by athi		ng purposes (increasing the	e amount of oxygen available to the body by

KOS Diagnostic Lab (A Unit of KOS Healthcare)

chemically raising the production of red blood cells).

NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



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CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CLIN	ICAL CHEMISTRY		Y
		GLUCOSE FAS		

3. A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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		Chopra gy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
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Test Name		Value	Unit	Biological Reference interval
		CHOLESTEROL:	SERUIVI	

NATIONAL LIPID ASSOCIATION RECOMMENDATIONS (NLA-2014)	CHOLESTEROL IN ADULTS (mg/dL)	CHOLESTEROL IN ADULTS (mg/dL)	
DESIRABLE	< 200.0	< 170.0	
BORDERLINE HIGH	200.0 – 239.0	171.0 - 199.0	
HIGH	>= 240.0	>= 200.0	

NOTE:

Measurements in the same patient can show physiological & analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.
 As per National Lipid association - 2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.



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