

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



		Chopra ogy & Microbiology) Consultant Pathologist	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: Mrs. TARA DEVI SHARN : 81 YRS/FEMALE : SURJESH : : 01527435 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON RO	PATIE REG. N REGIS COLLE REPOI	NT ID O./LAB NO. FRATION DATE CTION DATE RTING DATE	: 1798806 : 012503200024 : 20/Mar/2025 09:09 AM : 20/Mar/2025 09:29AM : 20/Mar/2025 12:26PM
Test Name		Value	Unit	Biological Reference interval
by CLIA (CHEMILUMIN	DROXY VITAMIN D3): SEI ESCENCE IMMUNOASSAY)	RUM 19.5^L	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>NTERPRETATION:</u> DEFI	CIENT:	< 20	nc	ı/mL
	FICIENT:	21 - 29		//mL
	D RANGE: CATION:	30 - 100 > 100		/mL /mL
conversion of 7- dihy 2.25-OHVitamin D r issue and tightly bou 3. Vitamin D plays a p ohosphate reabsorpt 4. Severe deficiency n DECREASED: 1. Lack of sunshine ex 2. Inadeguate intake, 3. Depressed Hepatic 4. Secondary to advar	drocholecalciferol to Vitami epresents the main body res und by a transport protein w rimary role in the maintena ion, skeletal calcium deposi nay lead to failure to minera posure. malabsorption (celiac disea Vitamin D 25- hydroxylase a ced Liver disease econdary Hyperparathroidis	n D3 in the skin upon Ultravi- sevoir and transport form of N /hile in circulation. nce of calcium homeostatis. tion, calcium mobilization, m lize newly formed osteoid in se) activity sm (Mild to Moderate deficie	blet exposure. Vitamin D and transp lt promotes calcium ainly regulated by p bone, resulting in ri bone, resulting in ri	ecalciferol (from animals, Vitamin D3), or by port form of Vitamin D, being stored in adipose n absorption, renal calcium absorption and arathyroid harmone (PTH). ckets in children and osteomalacia in adults.

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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lest Name		Value	Unit	Biological Reference interval
	BALAMIN: SERUM	VITAMIN B12/C 232 ASSAY)	OBALAMIN pg/mL	190.0 - 890.0
by CMIA (CHEMILUMII NTERPRETATION:-	NESCENT MICROPARTICLE IMMUNOA	232	pg/mL	
by CMIA (CHEMILUMII NTERPRETATION:- INCREA	NESCENT MICROPARTICLE IMMUNOA	232 ASSAY)		
by CMIA (CHEMILUMII NTERPRETATION:- INCREA 1.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C	232 ASSAY)	pg/mL	I B12
by CMIA (CHEMILUMI <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C gen	232 ASSAY) 1.Pregnancy 2.DRUGS:Aspi	pg/mL DECREASED VITAMIN	I B12
by CMIA (CHEMILUMI <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C gen nin A	232 ASSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges	pg/mL DECREASED VITAMIN irin, Anti-convulsants stion	I B12
by CMIA (CHEMILUMI <u>VTERPRETATION:-</u> INCREA: 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar 4.Hepatocellular in	VESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C gen nin A njury	232 ASSAY) 1.Pregnancy 2.DRUGS:Aspi	pg/mL DECREASED VITAMIN irin, Anti-convulsants stion ive Harmones	I B12
NTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Vitar 3.Ingestion of Vitar 4.Hepatocellular ir 5.Myeloproliferativ 6.Uremia	VESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C gen nin A njury ve disorder	232 ISSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracept 5.Haemodialy 6. Multiple M	pg/mL DECREASED VITAMIN irin, Anti-convulsants, stion ive Harmones ysis yeloma	I B12
by CMIA (CHEMILUMII <u>INTERPRETATION:-</u> INCREA 1.Ingestion of Vitar 2.Ingestion of Vitar 4.Hepatocellular ir 5.Myeloproliferativ 6.Uremia I.Vitamin B12 (coba 2.In humans, it is ob	VESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 nin C gen nin A njury ve disorder lamin) is necessary for hematop tained only from animal protein	232 ASSAY) 1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracept 5.Haemodialy 6. Multiple M oiesis and normal neur s and requires intrinsic	pg/mL DECREASED VITAMIN irin, Anti-convulsants stion ive Harmones ysis yeloma onal function. factor (IF) for absorp	IB12 Colchicine

NOTE: A normal serum concentration of vitamin B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for vitamin B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for vitamin B12 does not rule out tissue deficiency, measurement of MMA and homocysteine should be considered, even if serum vitamin B12 concentrations are normal.

*** End Of Report ***





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