

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



NAME	: Mrs. KAMINI SACHDEVA				
AGE/ GENDER	: 40 YRS/FEMALE		PATIENT ID	: 1080697	
COLLECTED BY	:		REG. NO./LAB NO.	:01240729005	3
REFERRED BY	:		REGISTRATION DATE	: 29/Jul/2024 12	42 PM
BARCODE NO.	:01514077		COLLECTION DATE	: 29/Jul/2024 12	45PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 29/Jul/2024 03	58PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, A	AMBALA CANTI			
Test Name		Value	Unit	Biologic	al Reference interval
	v	ITAMINS CO	OMBO PANEL: 1.0		
	VIT	AMIN D/25 H	YDROXY VITAMIN D3		
by CLIA (CHEMILUMIN	ROXY VITAMIN D3): SERUM ESCENCE IMMUNOASSAY)	32.5	ng/mL	INSUFF SUFFICI	NCY: < 20.0 CIENCY: 20.0 - 30.0 ENCY: 30.0 - 100.0 Y: > 100.0
INTERPRETATION:		20		- / I	1
DEFICIENT: INSUFFICIENT:		< 20 21 - 29		ng/mL	
PREFFERI	ED RANGE: CATION:	30 - 100 > 100	n	y/mL y/mL	
issue and tightly bou 3.Vitamin D plays a p bhosphate reabsorpt 4.Severe deficiency r DECREASED: 1.Lack of sunshine ex 2.Inadequate intake, 3.Depressed Hepatic	epresents the main body resevoir und by a transport protein while primary role in the maintenance of ion, skeletal calcium deposition, nay lead to failure to mineralize r posure. malabsorption (celiac disease) Vitamin D 25- hydroxylase activit ced Liver disease tecondary Hyperparathroidism (M	in circulation. of calcium home calcium mobiliz newly formed os iy iy fild to Moderate	ostatis. It promotes calciun ation, mainly requlated by p teoid in bone, resulting in r	n absorption, renal (parathyroid harmon)	calcium absorption and e (PTH). d osteomalacia in adults.

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	MD (Pathology & Chairman & Cor	& Microbiology) nsultant Pathologist	MD CEO & Consultant	(Pathology) Pathologist
NAME	: Mrs. KAMINI SACHDEVA			
AGE/ GENDER	: 40 YRS/FEMALE	PAT	IENT ID	: 1080697
COLLECTED BY	:	REG.	NO./LAB NO.	: 012407290053
REFERRED BY	:	REG	STRATION DATE	: 29/Jul/2024 12:42 PM
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CLIENT CODE.	: KOS DIAGNOSTIC LAB		DRTING DATE	: 29/Jul/2024 03:58PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD,		DATE DATE	. 23/ Jul/ 2024 03.301 M
LIENI ADDRESS	. 0545/ 1, MCHOLSON ROAD,	AMDALA CAN'I I		
Test Name		Value	Unit	Biological Reference interval
			/ 1	100.0 000.0
by CMIA (CHEMILUMI	ALAMIN: SERUM	667 ISSAY)	pg/mL	190.0 - 890.0
by CMIA (CHEMILUMII INTERPRETATION:-			pg/mL DECREASED VITAMIN	
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 min C	1.Pregnancy	DECREASED VITAMIN	IB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 min C ogen	1.Pregnancy 2.DRUGS:Aspi	DECREASED VITAMIN	IB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 min C ogen min A	1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges	DECREASED VITAMIN	IB12
by CMIA (CHEMILUMII INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar 4.Hepatocellular in	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 min C ogen nin A njury	1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracepti	DECREASED VITAMIN rin, Anti-convulsants stion ve Harmones	IB12
INTERPRETATION:- INCREA 1.Ingestion of Vitar 2.Ingestion of Estro 3.Ingestion of Vitar 4.Hepatocellular in 5.Myeloproliferatio 6.Uremia	NESCENT MICROPARTICLE IMMUNOA SED VITAMIN B12 min C ogen nin A njury	1.Pregnancy 2.DRUGS:Aspi 3.Ethanol Iges 4. Contracepti 5.Haemodialy 6. Multiple M	DECREASED VITAMIN rin, Anti-convulsants stion ve Harmones /sis_ yeloma_	IB12

proprioception, poor coordination, and affective behavioral changes. These manifestations may occur in any combination; many patients have the neurologic defects without macrocytic anemia.

6.Serum methylmalonic acid and homocysteine levels are also elevated in vitamin B12 deficiency states.

7.Follow-up testing for antibodies to intrinsic factor (IF) is recommended to identify this potential cause of vitamin B12 malabsorption. **NOTE:**A normal serum concentration of vitamin B12 does not rule out tissue deficiency of vitamin B12. The most sensitive test for vitamin B12 deficiency at the cellular level is the assay for MMA. If clinical symptoms suggest deficiency, measurement of MMA and homocysteine should be considered, even if serum vitamin B12 concentrations are normal.

*** End Of Report ***





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