

A PIONEER DIAGNOSTIC CENTRE

【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

	: Mrs. MONIKA JAI	N		
AGE/ GENDER	: 34 YRS/FEMALE		PATIENT ID	: 1206315
COLLECTED BY	:		REG. NO./LAB NO.	: 122409020020
REFERRED BY	:		<b>REGISTRATION DATE</b>	: 02/Sep/2024 10:39 AM
BARCODE NO.	: 12504439		COLLECTION DATE	: 02/Sep/2024 11:00AM
CLIENT CODE.	: P.K.R JAIN HEALTH	CARE INSTITUTE	<b>REPORTING DATE</b>	: 02/Sep/2024 01:41PM
CLIENT ADDRESS		ROAD, AMBALA CITY - H		· ···· ····
Test Name		Value	Unit	Biological Reference interva
		VI	TAMINS	
		VITAMIN D/25 H	IYDROXY VITAMIN D3	
VITAMIN D (25-HYDR by Clia (Chemilumin	OXY VITAMIN D3): S ESCENCE IMMUNOASS		ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
INTERPRETATION:		20		
DEFIC INSUFF		< 20 21 - 29		ı/mL ı/mL
PREFFERE		30 - 100		j/mL
2.25-OHVitamin D re tissue and tightly bou 3.Vitamin D plays a pr phosphate reabsorpti 4.Severe deficiency m <b>DECREASED:</b> 1.Lack of sunshine exr 2.Inadequate intake, 1 3.Depressed Hepatic V 4.Secondary to advan 5.Osteoporosis and Se	epresents the main bo nd by a transport pro imary role in the mai on, skeletal calcium d ay lead to failure to n posure. malabsorption (celiac /itamin D 25- hydroxy ced Liver disease econdary Hyperparath	tein while in circulation. ntenance of calcium home eposition, calcium mobiliz nineralize newly formed or disease) lase activity roidism (Mild to Moderat gs like phenytoin, phenob	form of Vitamin D and transp eostatis. It promotes calcium ation, mainly requlated by p steoid in bone, resulting in ri e deficiency)	bort form of Vitamin D, being stored in ad n absorption, renal calcium absorption ar barathyroid harmone (PTH). ickets in children and osteomalacia in adu that increases Vitamin D metabolism. of Vitamin D. When it occurs, it can resul

**DR.VINAY CHOPRA** 

CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) MBBS , MD (PATHOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST

440 Dated 17.5.2012 u/s 80 G OF INCOME TAX ACT. PAN NO. AAAAP1600. **REPORT ATTRACTS THE CONDITIONS PRINTED OVERLEAF (P.T.O.)** 



PKR JAIN HEALTHCARE INSTITUTE NASIRPUR, Hissar Road, AMBALA CITY- (Haryana)

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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA					
Test Name		Value		Biological Reference interva		
VITAMIN B12/COBA	LAMIN: SERUM	VITAMIN B12/0 372.3		Biological Reference interva		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:-		VITAMIN B12/0 372.3	OBALAMIN	200.0 - 1100.0		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:-	ESCENT MICROPARTICLE IMMUNOA	VITAMIN B12/0 372.3	OBALAMIN pg/mL	200.0 - 1100.0		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro	ESCENT MICROPARTICLE IMMUNOA ED VITAMIN B12 nin C gen	VITAMIN B12/( 372.3 ASSAY) 1.Pregnancy 2.DRUGS:ASJ	OBALAMIN pg/mL DECREASED VITAMIN pirin, Anti-convulsants,	200.0 - 1100.0		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan	ESCENT MICROPARTICLE IMMUNOA ED VITAMIN B12 hin C gen hin A	VITAMIN B12/( 372.3 ASSAY) 1.Pregnancy 2.DRUGS:Asj 3.Ethanol Ige	OBALAMIN pg/mL DECREASED VITAMIN birin, Anti-convulsants, stion	200.0 - 1100.0		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Vitan 3.Ingestion of Vitan 4.Hepatocellular in	ESCENT MICROPARTICLE IMMUNOA ED VITAMIN B12 nin C gen nin A jury	VITAMIN B12/( 372.3 ASSAY) 1.Pregnancy 2.DRUGS:As 3.Ethanol Ige 4. Contracep	OBALAMIN pg/mL DECREASED VITAMIN birin, Anti-convulsants, stion	200.0 - 1100.0		
VITAMIN B12/COBA by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitan 2.Ingestion of Estro 3.Ingestion of Vitan	ESCENT MICROPARTICLE IMMUNOA ED VITAMIN B12 nin C gen nin A jury	VITAMIN B12/( 372.3 ASSAY) 1.Pregnancy 2.DRUGS:Asj 3.Ethanol Ige	OBALAMIN pg/mL DECREASED VITAMIN birin, Anti-convulsants, stion	200.0 - 1100.0		

4. Vitamin B12 deficiency may be due to lack of IF secretion by gastric mucosa (eg, gastrectomy, gastric atrophy) or intestinal malabsorption (eg, ileal resection, small intestinal diseases).

5. Vitamin B12 deficiency frequently causes macrocytic anemia, glossitis, peripheral neuropathy, weakness, hyperreflexia, ataxia, loss of 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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