

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	MD (Patho	<b>ay Chopra</b> ology & Microbiology) & Consultant Pathologist		(Pathology)
NAME	: Mr. ROHAN			
AGE/ GENDER	: 28 YRS/MALE		PATIENT ID	: 1686626
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	: 012411300043
REFERRED BY	:		<b>REGISTRATION DATE</b>	: 30/Nov/2024 12:25 PM
BARCODE NO.	:01521749		COLLECTION DATE	: 30/Nov/2024 12:34PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		<b>REPORTING DATE</b>	: 30/Nov/2024 03:29PM
CLIENT ADDRESS	: 6349/1, NICHOLSON I	ROAD, AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	CI		<b>FRY/BIOCHEMIST</b>	TRY
		URI	C ACID	
JRIC ACID: SERUM by URICASE - OXIDAS		4.71	mg/dL	3.60 - 7.70
<ol> <li>Alcohol ingestion.</li> <li>Thiazide diuretics.</li> <li>Lactic acidosis.</li> <li>Aspirin ingestion (libratic ketoacido S.Diabetic ketoacido S.Renal failure due to DECREASED:-</li> <li>DUE TO DIETARY E</li> </ol>	o any cause etc. <b>DEFICIENCY</b> of Zinc, Iron and molybder	).		
3.Multiple sclerosis .	ropriate antidiuretic horm	one (SIADH) secretion &	low purine diet etc.	
1.Drugs:-Probenecid	, sulphinpyrazone, aspirin	doses (more than 4 grar	ns per day), corticosterroi	ids and ACTH, anti-coagulants and estrogens et
I TANKA MAR			n	

KOS Diagnostic Lab (A Unit of KOS Healthcare)





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

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

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CLIENT CODE.	: KOS DIAGNOSTIC LAB		TING DATE	: 30/Nov/2024 02:30PM
CLIENT ADDRESS	: 6349/1, NICHOLSON F	20AD, AMBALA CANTT		
Test Name		Value	Unit	<b>Biological Reference interval</b>
		VITAMIN	IS	
		VITAMIN D/25 HYDRO		
by CLIA (CHEMILUMIN	DROXY VITAMIN D3): SI ESCENCE IMMUNOASSAY)	ERUM <b>23.897<sup>L</sup></b>	ng/mL	DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0
<u>NTERPRETATION:</u> DEFI	CIENT:	< 20	ng/m	ıL
INSUF	FICIENT:	21 - 29	ng/n	ıL
	ED RANGE:	<u> </u>	ng/n ng/n	
2.25-OHVitamin D r tissue and tightly bou 3.Vitamin D plays a p phosphate reabsorpt	epresents the main body r und by a transport protein primary role in the mainten ion, skeletal calcium depo	n while in circulation. nance of calcium homeostatis. psition, calcium mobilization, ma	'itamin D and transpoi It promotes calcium a ainly regulated by par	t form of Vitamin D, being stored in adipose osorption, renal calcium absorption and athyroid harmone (PTH). ets in children and osteomalacia in adults.

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IAME	: Mr. ROHAN			
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CLIENT ADDRESS	· · · · · , · · · · · · · · ·			
LLIEN I ADDRESS		Value VITAMIN B12/CO	Unit	Biological Reference interv
<b>Test Name</b> VITAMIN B12/COE		VITAMIN B12/CO 162.35 <sup>L</sup>		<b>Biological Reference interv</b> 190.0 - 830
<b>Fest Name</b> VITAMIN B12/COE by CMIA (CHEMILUMIN INTERPRETATION:-	ALAMIN: SERUM	VITAMIN B12/CO 162.35 <sup>L</sup> DASSAY)	BALAMIN	190.0 - 830
<b>Test Name</b> VITAMIN B12/COE by CMIA (CHEMILUMIN <u>INTERPRETATION:-</u> INCREAS 1.Ingestion of Vitam	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNG ED VITAMIN B12 in C	VITAMIN B12/CO 162.35 <sup>L</sup> DASSAY)	BALAMIN pg/mL DECREASED VITAMIN	190.0 - 830
Test Name VITAMIN B12/COB by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitam 2.Ingestion of Estrog	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNO ED VITAMIN B12 nin C gen	VITAMIN B12/CO 162.35 <sup>L</sup> DASSAY)	BALAMIN pg/mL DECREASED VITAMIN	190.0 - 830
Test Name VITAMIN B12/COB by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitam 2.Ingestion of Estroy 3.Ingestion of Vitam	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNO ED VITAMIN B12 nin C gen in A	VITAMIN B12/CO 162.35 <sup>L</sup> DASSAY) 1.Pregnancy 2.DRUGS:Aspiri 3.Ethanol Igesti	BALAMIN pg/mL DECREASED VITAMIN n, Anti-convulsants on	190.0 - 830
Test Name VITAMIN B12/COB by CMIA (CHEMILUMIN INTERPRETATION:- INCREAS 1.Ingestion of Vitam 2.Ingestion of Estrog	ALAMIN: SERUM ESCENT MICROPARTICLE IMMUNO ED VITAMIN B12 nin C gen in A jury	VITAMIN B12/CO 162.35 <sup>L</sup> DASSAY)	BALAMIN pg/mL DECREASED VITAMIN n, Anti-convulsants on e Harmones	190.0 - 830

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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