



NAME	: Mrs. INDU				
AGE/ GENDER	: 38 YRS/FEMALE	PATIENT ID		: 1641317	
COLLECTED BY	:	REG. NO./LAB NO.		: 012410120006	
REFERRED BY	:	REGISTRATION DATE		: 12/Oct/2024 08:12 AM	
BARCODE NO.	: 01518728	COI	LECTION DATE	: 12/Oct/2024 08:19AM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE		: 12/Oct/2024 10:51AM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROA	AD, AMBALA CANTT			
Test Name		Value	Unit	Biological Reference inte	rval
	CL	INICAL CHEMISTRY	Y/BIOCHEMISTR\		
		CALCIU	JM		
	by ARSENAZO III, SPECTROPHOTOMETRY		mg/dL	8.50 - 10.60	
CALCIUM: SERUM by ARSENAZO III, SP INTERPRETATION:-	ECTROPHOTOMETRY				

4. In serum, calcium is bound to a considerable extent to proteins (approximately 40%), 10% is in the form of inorganic complexes, and 50% is present as free or ionized calcium.

NOTE:-Calcium ions affect the contractility of the heart and the skeletal musculature, and are essential for the function of the nervous system. In addition, calcium ions play an important role in blood clotting and bone mineralization.

HYPOCALCEMIA (LOW CALCIUM LEVELS) CAUSES :-

1. Due to the absence or impaired function of the parathyroid glands or impaired vitamin-D synthesis.

2. Chronic renal failure is also frequently associated with hypocalcemia due to decreased vitamin-D synthesis as well as hyperphosphatemia and skeletal resistance to the action of parathyroid hormone (PTH).

3. NOTE:- A characteristic symptom of hypocalcemia is latent or manifest tetany and osteomalacia.

HYPERCALCEMIA (INCREASE CALCIUM LEVELS) CAUSES:-

1. Increased mobilization of calcium from the skeletal system or increased intestinal absorption.

2.Primary hyperparathyroidism (pHPT)

3.Bone metastasis of carcinoma of the breast, prostate, thyroid gland, or lung

NOTE:-Severe hypercalcemia may result in cardiac arrhythmia.



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Chopra MD (Pathology & Micr Chairman & Consultan	obiology)	Dr. Yugam MD CEO & Consultant	(Pathology)					
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CLIENT ADDRESS Test Name	: 6349/1, NICHOLSON ROAD, AMBA	Value	Unit	Biological Reference interval					
ENDOCRINOLOGY PROLACTIN									
PROLACTIN: SERUM by CMIA (CHEMIL UMMINESCENT MICROPARTICLE minutoxic Say 1) 46.169 ^H ng/mL 3-25 PLTURE THE INTERNET MICROPARTICLE interview of the secret of the interview of the secret on the product in level secret on the product in secret on the pro									
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