

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

A PIONEER DIAGNOSTIC CENTRE 【 0171-2532620, 8222896961 🛛 🖾 pkrjainhealthcare@gmail.com

	: Mrs. KAMLESH KAUR				
AGE/ GENDER	: 47 YRS/FEMALE	PATI	ENT ID	: 1588689 : 122408230005 : 23/Aug/2024 09:16 AM : 23/Aug/2024 09:31AM : 23/Aug/2024 02:16PM	
COLLECTED BY	:	REG.	NO./LAB NO.		
REFERRED BY	:	REGI	STRATION DATE		
BARCODE NO.	: 12504270	COLI	ECTION DATE		
CLIENT CODE.	: P.K.R JAIN HEALTHCARE	INSTITUTE REP	DRTING DATE		
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD	SAR ROAD, AMBALA CITY - HARYANA			
Test Name		Value	Unit	Biological Reference interval	
	CL	INICAL CHEMISTRY	/BIOCHEMISTRY	1	
		ELECTROLYTES COM	PLETE PROFILE		
SODIUM: SERUM by ISE (ION SELECTIV	E ELECTRODE)	140.7	mmol/L	135.0 - 150.0	
POTASSIUM: SERUM		4.33	mmol/L	3.50 - 5.00	
	E ELECTRODE)	105.53	mmol/L	90.0 - 110.0	
balance & to transmi HYPONATREMIA (LOV 1. Low sodium intake 2. Sodium loss due to 3. Diuretics abuses. 4. Salt loosing nephr	cation of extra-cellular fluid. t nerve impulse. V SODIUM LEVEL) CAUSES:- diarrhea & vomiting with ad opathy.	Its primary function in the	e body is to chemically	y maintain osmotic pressure & acid base	
CHLORIDE: SERUM by ISE (ION SELECTIV. INTERPRETATION:- SODIUM:- Sodium is the major of balance & to transmir HYPONATREMIA (LOV 1. Low sodium intake 2. Sodium loss due to 3. Diuretics abuses. 4. Salt loosing nephr 5. Metabolic acidosis 6. Adrenocortical issu 7.Hepatic failure.	cation of extra-cellular fluid. t nerve impulse. V SODIUM LEVEL) CAUSES:- diarrhea & vomiting with ad opathy. S. uficiency . CREASED SODIUM LEVEL) CAU nged)	Its primary function in the equate water and iadequa	e body is to chemically	y maintain osmotic pressure & acid base	

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.)**







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Test Name	Value	Unit	Biological Reference interval

2.Renal failure or Shock

3. Respiratory acidosis 4.Hemolysis of blood







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Test Name		Value	Unit	Biological Reference interva		
		ENIDO	CDINIOLOGY			
			ATING HORMONE (TSH			
by CMIA (CHEMILUMIN 3rd GENERATION, ULT	NG HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS.	ID STIMUL 4.96) 0.35 - 5.50		
	ING HORMONE (TSH): SERUM escent microparticle immunoass. rasensitive	ID STIMUL 4.96	ATING HORMONE (TSH) µIU/mL	0.35 - 5.50		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT	NG HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS.	ID STIMUL 4.96	ATING HORMONE (TSH	0.35 - 5.50 (μIU/mL)		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT INTERPRETATION:	ING HORMONE (TSH): SERUM escent microparticle immunoass. rasensitive AGE	ID STIMUL 4.96	ATING HORMONE (TSH) μIU/mL REFFERENCE RANGE	0.35 - 5.50 (μΙU/mL)		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT INTERPRETATION:	ING HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS. RASENSITIVE AGE 0 – 5 DAYS	ID STIMUL 4.96	ATING HORMONE (TSH) μIU/mL <u>REFFERENCE RANGE</u> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	0.35 - 5.50 (μΙU/mL)		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT INTERPRETATION:	ING HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months	ID STIMUL 4.96	ATING HORMONE (TSH) μIU/mL <u>REFFERENCE RANGE</u> 0.70 – 15.20 0.70 – 11.00	0.35 - 5.50 (μΙU/mL)		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT INTERPRETATION:	NG HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ID STIMUL 4.96	ATING HORMONE (TSH) μIU/mL	0.35 - 5.50 (µU/mL)		
by CMIA (CHEMILUMIN 3rd GENERATION, ULT) INTERPRETATION:	ING HORMONE (TSH): SERUM ESCENT MICROPARTICLE IMMUNOASS, RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ID STIMUL 4.96	ATING HORMONE (TSH) μIU/mL	0.35 - 5.50		
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2. Hypothyroid patients receiving insufficient thyroid replacement therapy.

3. Hashimotos thyroiditis.

4.DRUGS: Amphetamines, lodine containing agents and dopamine antagonist.

5.Neonatal period, increase in 1st 2-3 days of life due to post-natal surge.

DECREASED LEVELS:

1. Toxic multi-nodular goitre & Thyroiditis.

2. Over replacement of thyroid harmone in treatment of hypothyroidism.

3. Autonomously functioning Thyroid adenoma

4. Secondary pituatary or hypothalmic hypothyroidism

5. Acute psychiatric illness

6.Severe dehydration.



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NOT VALID FOR MEDICO LEGAL PURPOSE

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Test Name

Unit Biological Reference interval

7.DRUGS: Glucocorticoids, Dopamine, Levodopa, T4 replacement therapy, Anti-thyroid drugs for thyrotoxicosis. 8.Pregnancy: 1st and 2nd Trimester

Value

LIMITATIONS:

1.TSH may be normal in central hypothyroidism, recent rapid correction of hyperthyroidism or hypothyroidism, pregnancy, phenytoin therapy. 2.Autoimmune disorders may produce spurious results.





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Test Name		Value	Unit		Biological Reference interval	
		VIT	AMINS			
		VITAMIN D/25 H	YDROXY VITAMIN D3			
by CLIA (CHEMILUMIN	ROXY VITAMIN D3): S Vescence IMMUNOASS		ng/mL		DEFICIENCY: < 20.0 INSUFFICIENCY: 20.0 - 30.0 SUFFICIENCY: 30.0 - 100.0 TOXICITY: > 100.0	
INTERPRETATION: DEFIC	CIENT:	< 20	n	g/mL		
	FICIENT:	21 - 29		g/mL		
	D RANGE:	30 - 100		g/mL		
INTOXI	CATION:	> 100		g/mL		
tissue and tightly bou 3. Vitamin D plays a p boosphate reabsorpt 4. Severe deficiency n DECREASED: 1. Lack of sunshine ex 2. Inadequate intake, 3. Depressed Hepatic 4. Secondary to advar 5. Osteoporosis and S 6. Enzyme Inducing dr INCREASED: 1. Hypervitaminosis E severe hypercalcemia CAUTION: Replaceme hypervitaminosis D NOTE: -Dark coloured	und by a transport pro rimary role in the mai ion, skeletal calcium d nay lead to failure to n posure. malabsorption (celiac Vitamin D 25- hydroxy need Liver disease econdary Hyperparath rugs: anti-epileptic dru D is Rare, and is seen o a and hyperphophatem int therapy in deficient individuals as compare	tein while in circulation. ntenance of calcium home eposition, calcium mobiliza nineralize newly formed ost disease) dase activity proidism (Mild to Moderate gs like phenytoin, phenoba nly after prolonged exposu ia. individuals must be monito	ostatis. It promotes calciun ition, mainly regulated by p teoid in bone, resulting in r deficiency) rbital and carbamazepine, re to extremely high doses pred by periodic assessmen	n absorptio parathyroi ickets in c that increa of Vitamir at of Vitam	of Vitamin D, being stored in adipos on, renal calcium absorption and d harmone (PTH). hildren and osteomalacia in adults. ases Vitamin D metabolism. n D. When it occurs, it can result in in D levels in order to prevent to excess of melanin pigment which	
NOTE:-Dark coloured interefere with Vitami	Individuals as compare n D absorption.	to whites, is at higher risk of	developing Vitamin D defic	iency due t	o excess of melanin pigment which	



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



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