TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

## **PKR JAIN HEALTHCARE INSTITUTE** NASIRPUR, Hissar Road, AMBALA CITY- (Haryana) A PIONEER DIAGNOSTIC CENTRE

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

NAME	: Mrs. MANJEET KAUR				
AGE/ GENDER	: 45 YRS/FEMALE		PATIENT ID	: 1611603	
COLLECTED BY	:		REG. NO./LAB NO.	: 122409130002	
REFERRED BY :		<b>REGISTRATION DATE</b>		: 13/Sep/2024 08:39 AM	
BARCODE NO.	: 12504656		COLLECTION DATE	: 13/Sep/2024 08:54AM	
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INSTITU	JTE	<b>REPORTING DATE</b>	: 13/Sep/2024 01:47PM	
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBA	LA CITY - HA	RYANA		
Test Name		Value	Unit	Biological Reference interva	al
	SWAS	THYA WE	LLNESS PANEL: 1.2		
	COM	<b>/IPLETE BLC</b>	DOD COUNT (CBC)		
RED BLOOD CELLS (F	RBCS) COUNT AND INDICES		. ,		
HAEMOGLOBIN (HB by calorimetric	)	13.1	gm/dL	12.0 - 16.0	
RED BLOOD CELL (RE	BC) COUNT FOCUSING, ELECTRICAL IMPEDENCE	4.31	Millions/cr	mm 3.50 - 5.00	
PACKED CELL VOLUN by CALCULATED BY A	ЛЕ (PCV) automated hematology analyzer	38.1	%	37.0 - 50.0	
MEAN CORPUSCULA by calculated by A	R VOLUME (MCV) automated hematology analyzer	88.3	AK fL	80.0 - 100.0	
	R HAEMOGLOBIN (MCH)	30.5	pg	27.0 - 34.0	
	R HEMOGLOBIN CONC. (MCHC)	34.5	g/dL	32.0 - 36.0	
by CALCULATED BY A	TON WIDTH (RDW-CV)	13.8	%	11.00 - 16.00	
	TION WIDTH (RDW-SD)	46.6	fL	35.0 - 56.0	
MENTZERS INDEX by CALCULATED		20.49	RATIO	BETA THALASSEMIA TRAIT: IRON DEFICIENCY ANEMIA:	
GREEN & KING INDE by calculated	X	28.37	RATIO	BETA THALASSEMIA TRAIT: IRON DEFICIENCY ANEMIA:	
WHITE BLOOD CELL	<u>s (WBCS)</u>				
TOTAL LEUCOCYTE C	COUNT (TLC) y by sf cube & microscopy	5680	/cmm	4000 - 11000	
DIFFERENTIAL LEUC	<u>OCYTE COUNT (DLC)</u>				
NEUTROPHILS		60	%	50 - 70	
LYMPHOCYTES	Y BY SF CUBE & MICROSCOPY Y BY SF CUBE & MICROSCOPY	34	%	20 - 40	
EOSINOPHILS		2	%	1 - 6	

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**NOT VALID FOR MEDICO LEGAL PURPOSE** 



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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMB			· 10, 50p, 2021011111
Test Name		Value	Unit	Biological Reference interval
MONOCYTES		4	%	2 - 12
BASOPHILS	Y BY SF CUBE & MICROSCOPY Y BY SF CUBE & MICROSCOPY YTES (WBC) COUNT	0	%	0 - 1
ABSOLUTE NEUTRO		3408	/cmm	2000 - 7500
ABSOLUTE LYMPHO		1931 <sup>L</sup>	/cmm	800 - 4900
ABSOLUTE EOSINOF		114	/cmm	40 - 440
ABSOLUTE MONOCY		227	KR /cmm	80 - 880
	IL COUNT BY BY SF CUBE & MICROSCOPY <b>HER PLATELET PREDICTIVE MARKE</b>	0	/cmm	0 - 110
			1	150000 450000
PLATELET COUNT (P	'L I ) FOCUSING, ELECTRICAL IMPEDENCE	164000	/cmm	150000 - 450000
PLATELETCRIT (PCT)		0.21	%	0.10 - 0.36
MEAN PLATELET VO	DLUME (MPV)	13 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CE	LL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	74000	/cmm	30000 - 90000
PLATELET LARGE CE	LL RATIO (P-LCR)	45	%	11.0 - 45.0
by HYDRO DYNAMIC	TION WIDTH (PDW) <i>FOCUSING, ELECTRICAL IMPEDENCE</i> JCTED ON EDTA WHOLE BLOOD	16.8	%	15.0 - 17.0



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Test Name		Value	Unit	Biological Reference interval
	ERYTH	ROCYTE SEDIMEN	TATION RATE (ES	R)
	MENTATION RATE (ESR)	7	mm/1st h	nr 0 - 20
NTERPRETATION:	GREN AUTOMATED METHOD			
(polycythaemia), sign as sickle cells in sickl NOTE: 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevate 5. Women tend to ha 6. Drugs such as dext	n with conditions that inhibit the ificantly high white blood cell co e cell anaemia) also lower the E e protein (C-RP) are both marker s not change as rapidly as does ( <b>by as many other factors as is ES</b> ed, it is typically a result of two t ye a higher ESR, and menstruatic	ount (leucocytosis), ar SR. CRP, either at the start <b>R, making it a better m</b> types of proteins, glob on and pregnancy can c	of inflammation or a: <b>arker of inflammation</b> Jlins or fibrinogen. ause temporary eleva	n.





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Test Name		Value	Unit	Biological Reference interval
Test Name				
Test Name	CLIN		Unit Y/BIOCHEMISTR	
Test Name	CLIN		Y/BIOCHEMISTR	
Test Name GLUCOSE FASTING (F		ICAL CHEMISTR	Y/BIOCHEMISTR	
glucose fasting (f		ICAL CHEMISTR GLUCOSE FA	Y/BIOCHEMISTR STING (F)	Y

A fasting plasma glucose level below 100 mg/di is considered as glucose intolerant or prediabetic. A fasting and post-prandial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.
 A fasting plasma glucose level of above 125 mg/dl is highly suggestive of diabetic state. A repeat post-prandial is strongly recommended for all such patients. A fasting plasma glucose level in excess of 125 mg/dl on both occasions is confirmatory for diabetic state.





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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AM	IBALA CITY - HA	ARYANA		
Test Name		Value	Unit	Biological Reference interval	
		LIPID PR	OFILE : BASIC		
CHOLESTEROL TOTA by CHOLESTEROL OX		211.18 <sup>H</sup>	mg/dL	OPTIMAL: < 200.0 BORDERLINE HIGH: 200.0 - 239.0 HIGH CHOLESTEROL: > OR = 240.	
TRIGLYCERIDES: SEF by GLYCEROL PHOSI	RUM phate oxidase (enzymatic)	169.51 <sup>H</sup>	mg/dL	OPTIMAL: < 150.0 BORDERLINE HIGH: 150.0 - 199.0 HIGH: 200.0 - 499.0 VERY HIGH: > OR = 500.0	
HDL CHOLESTEROL ( by SELECTIVE INHIBIT		58.87	mg/dL	LOW HDL: < 30.0 BORDERLINE HIGH HDL: 30.0 - 60.0 HIGH HDL: > OR = 60.0	
LDL CHOLESTEROL: S by CALCULATED, SPE		118.41	mg/dL	OPTIMAL: < 100.0 ABOVE OPTIMAL: 100.0 - 129.0 BORDERLINE HIGH: 130.0 - 159.0 HIGH: 160.0 - 189.0 VERY HIGH: > OR = 190.0	
NON HDL CHOLESTE by CALCULATED, SPI		152.31 <sup>H</sup>	mg/dL	OPTIMAL: < 130.0 ABOVE OPTIMAL: 130.0 - 159.0 BORDERLINE HIGH: 160.0 - 189.0 HIGH: 190.0 - 219.0 VERY HIGH: > OR = 220.0	
VLDL CHOLESTEROL: by CALCULATED, SPE		33.9	mg/dL	0.00 - 45.00	
TOTAL LIPIDS: SERUI by CALCULATED, SPE	M	591.87	mg/dL	350.00 - 700.00	
CHOLESTEROL/HDL by CALCULATED, SPE	RATIO: SERUM	3.59	RATIO	LOW RISK: 3.30 - 4.40 AVERAGE RISK: 4.50 - 7.0 MODERATE RISK: 7.10 - 11.0 HIGH RISK: > 11.0	
LDL/HDL RATIO: SER by Calculated, spe		2.01	RATIO	LOW RISK: 0.50 - 3.0 MODERATE RISK: 3.10 - 6.0 HIGH RISK: > 6.0	

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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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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBALA CITY -	HARYANA	
Test Name	Value	Unit	<b>Biological Reference interval</b>

	Value	onit	biological Reference interval
TRIGLYCERIDES/HDL RATIO: SERUM by calculated, spectrophotometry	2.88 <sup>L</sup>	RATIO	3.00 - 5.00

#### **INTERPRETATION:**

1. Measurements in the same patient can show physiological analytical variations. Three serial samples 1 week apart are recommended for Total Cholesterol, Triglycerides, HDL & LDL Cholesterol.

2. As per NLA-2014 guidelines, all adults above the age of 20 years should be screened for lipid status. Selective screening of children above the age of 2 years with a family history of premature cardiovascular disease or those with at least one parent with high total cholesterol is recommended.

3. Low HDL levels are associated with increased risk for Atherosclerotic Cardiovascular disease (ASCVD) due to insufficient HDL being available to participate in reverse cholesterol transport, the process by which cholesterol is eliminated from peripheral tissues. 4. NLA-2014 identifies Non HDL Cholesterol (an indicator of all atherogeniclipoproteins such as LDL, VLDL, IDL, Lpa, Chylomicron remnants) along with LDL-cholesterol as co- primary target for cholesterol lowering therapy. Note that major risk factors can modify treatment goals for LDL & Non HDL

5. Additional testing for Apolipoprotein B, hsCRP,Lp(a) & LP-PLA2 should be considered among patients with moderate risk for ASCVD for risk refinement



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Test Name		Value	Unit	Biological Reference interval
	LIV	ER FUNCTIO	ON TEST (COMPLETE)	
BILIRUBIN TOTAL: SI by diazotization, sf	ERUM PECTROPHOTOMETRY	0.81	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
	CONJUGATED): SERUM	0.23	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT	(UNCONJUGATED): SERUM	0.58	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	29.16	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PY	RIDOXAL PHOSPHATE	36.12	KR U/L	0.00 - 49.00
AST/ALT RATIO: SER by CALCULATED, SPE		0.81	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by para nitrophen propanol	TASE: SERUM YL PHOSPHATASE BY AMINO METHYL	78.05	U/L	40.0 - 130.0
GAMMA GLUTAMYL	TRANSFERASE (GGT): SERUM	23.2	U/L	0.00 - 55.0

by PARA NITROPHENYL PHOSPHATASE BY AMINO METHYL PROPANOL			
GAMMA GLUTAMYL TRANSFERASE (GGT): SERUM by SZASZ, SPECTROPHTOMETRY	23.2	U/L	0.00 - 55.0
TOTAL PROTEINS: SERUM by BIURET, SPECTROPHOTOMETRY	6.68	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREEN	4.31	gm/dL	3.50 - 5.50
GLOBULIN: SERUM by CALCULATED. SPECTROPHOTOMETRY	2.37	gm/dL	2.30 - 3.50
A : G RATIO: SERUM by calculated, spectrophotometry	1.82	RATIO	1.00 - 2.00

**INTERPRETATION** 

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range.

USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

#### **INCREASED:**

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5





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Test Name	Value	Unit	Biological Reference interval
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS		> 1.3 (Slightly Increased)	

**DECREASED:** 

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

	PRO	GNC	STIC	SIGN	FICA	NCF:
1						

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6





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Test Name		Value	Unit	Biological Reference interval
	KIE	ONEY FUNCTION T	EST (COMPLETE)	
UREA: SERUM by UREASE - GLUTAM	ATE DEHYDROGENASE (GLDH)	27.75	mg/dL	10.00 - 50.00
CREATININE: SERUN by ENZYMATIC, SPEC		0.69	mg/dL	0.40 - 1.20
BLOOD UREA NITRO		12.97	mg/dL	7.0 - 25.0
	GEN (BUN)/CREATININE	18.8 <sup>H</sup>	RATIO	10.0 - 20.0
RATIO: SERUM by CALCULATED, SPE				

BLOOD UREA NITROGEN (BUN)/CREATININE	18.8 <sup>H</sup>	RATIO	10.0 - 20.0
RATIO: SERUM			
by CALCULATED, SPECTROPHOTOMETRY			
UREA/CREATININE RATIO: SERUM	40.22	RATIO	
by CALCULATED, SPECTROPHOTOMETRY			
URIC ACID: SERUM	3.95	mg/dL	2.50 - 6.80
by URICASE - OXIDASE PEROXIDASE			
CALCIUM: SERUM	9.63	mg/dL	8.50 - 10.60
by ARSENAZO III, SPECTROPHOTOMETRY			
PHOSPHOROUS: SERUM	2.81	mg/dL	2.30 - 4.70
by PHOSPHOMOLYBDATE, SPECTROPHOTOMETRY			
ELECTROLYTES			
SODIUM: SERUM	142.8	mmol/L	135.0 - 150.0
by ISE (ION SELECTIVE ELECTRODE)			
POTASSIUM: SERUM	4.42	mmol/L	3.50 - 5.00
by ISE (ION SELECTIVE ELECTRODE)			
CHLORIDE: SERUM	107.1	mmol/L	90.0 - 110.0
by ISE (ION SELECTIVE ELECTRODE)			
ESTIMATED GLOMERULAR FILTERATION RATE			
ESTIMATED GLOMERULAR FILTERATION RATE	109		

ESTIMATED GLOMERULAR FILTERATION RATE (eGFR): SERUM by CALCULATED

#### INTERPRETATION:

To differentiate between pre- and post renal azotemia. INCREASED RATIO (>20:1) WITH NORMAL CREATININE:

1. Prerenal azotemia (BUN rises without increase in creatinine) e.g. heart failure, salt depletion, dehydration, blood loss) due to decreased glomerular filtration rate.

2. Catabolic states with increased tissue breakdown.



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NAME : Mrs. MANJEET KAUR				

5. Impaired renal function plus

6. Excess protein intake or production or tissue breakdown (e.g. infection, GI bleeding, thyrotoxicosis, Cushing's syndrome, high protein diet,

burns, surgery, cachexia, high fever).

7. Urine reabsorption (e.g. ureter colostomy)

8. Reduced muscle mass (subnormal creatinine production)

9. Certain drugs (e.g. tetracycline, glucocorticoids)

#### INCREASED RATIO (>20:1) WITH ELEVATED CREATININE LEVELS:

1. Postrenal azotemia (BUN rises disproportionately more than creatinine) (e.g. obstructive uropathy).

2. Prerenal azotemia superimposed on renal disease.

#### DECREASED RATIO (<10:1) WITH DECREASED BUN :

1. Acute tubular necrosis.

2. Low protein diet and starvation.

3. Severe liver disease.

Other causes of decreased urea synthesis.

5. Repeated dialysis (urea rather than creatinine diffuses out of extracellular fluid).

6. Inherited hyperammonemias (urea is virtually absent in blood).

7. SIADH (syndrome of inappropiate antidiuretic harmone) due to tubular secretion of urea.

8. Pregnancy.

#### DECREASED RATIO (<10:1) WITH INCREASED CREATININE:

1. Phenacimide therapy (accelerates conversion of creatine to creatinine).

2. Rhabdomyolysis (releases muscle creatinine).

3. Muscular patients who develop renal failure.

#### **INAPPROPIATE RATIO:**

1. Diabetic ketoacidosis (acetoacetate causes false increase in creatinine with certain methodologies, resulting in normal ratio when dehydration should produce an increased BUN/creatinine ratio).

2. Cephalosporin therapy (interferes with creatinine measurement).

CKD STAGE	DESCRIPTION	GFR ( mL/min/1.73m2 )	ASSOCIATED FINDINGS
G1	Normal kidney function	>90	No proteinuria
G2	Kidney damage with	>90	Presence of Protein,
	normal or high GFR		Albumin or cast in urine
G3a	Mild decrease in GFR	60 -89	
G3b	Moderate decrease in GFR	30-59	
G4	Severe decrease in GFR	15-29	
G5	Kidney failure	<15	



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NAME	: Mrs. MANJEET KAUR				
AGE/ GENDER	: 45 YRS/FEMALE	PATIENT ID	: 1611603		
<b>COLLECTED BY</b>	:	<b>REG. NO./LAB NO.</b>	: 122409130002		
<b>REFERRED BY</b>	:	<b>REGISTRATION DATE</b>	: 13/Sep/2024 08:39 AM		
BARCODE NO.	: 12504656	<b>COLLECTION DATE</b>	: 13/Sep/2024 08:54AM		
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INSTITUTE	<b>REPORTING DATE</b>	: 13/Sep/2024 01:47PM		
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA				

Test Name	Value	Unit	Biological Reference interval

COMMENTS:

Estimated Glomerular filtration rate (eGFR) is the sum of filtration rates in all functioning nephrons and so an estimation of the GFR provides a measure of functioning nephrons of the kidney.
 eGFR calculated using the 2009 CKD-EPI creatinine equation and GFR category reported as per KDIGO guideline 2012

3. In patients, with eGFR creatinine between 45-59 ml/min/1.73 m2 (G3) and without any marker of Kidney damage, It is recommended to measure eGFR with Cystatin C for confirmation of CKD

4. eGFR category G1 OR G2 does not fullfill the criteria for CKD, in the absence of evidence of Kidney Damage 5. In a suspected case of Acute Kidney Injury (AKI), measurement of eGFR should be done after 48-96 hours of any Intervention or procedure 6. eGFR calculated by Serum Creatinine may be less accurate due to certain factors like Race, Muscle Mass, Diet, Certain Drugs. In such cases, eGFR should be calculated using Serum Cystatin C 7. A decrease in eGFR implies either progressive renal disease, or a reversible process causing decreased nephron function (eg, severe dehydration).

ADVICE:

KDIGO guideline, 2012 recommends Chronic Kidney Disease (CKD) should be classified based on cause, eGFR category and Albuminuria (ACR) category. GFR & ACR category combined together reflect risk of progression and helps Clinician to identify the individual who are progressing at more rapid rate than anticipated



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<b></b>				
Test Name		Value	Unit	Biological Reference interval
	THYR	ENDOCRING		
TRIIODOTHYRONIN		1.28	ng/mL	0.35 - 1.93
THYROXINE (T4): SE by CMIA (CHEMILUMII	RUM NESCENT MICROPARTICLE IMMUNOASSAY)	6.08	µgm/dL	4.87 - 12.60
by CMIA (CHEMILUMI	ING HORMONE (TSH): SERUM NESCENT MICROPARTICLE IMMUNOASSAY)	1.02	µlU/mL	0.35 - 5.50
INTERPRETATION:	RASENSITIVE			

TSH levels are subject to circadian variation, reaching peak levels between 2-4 a.m and at a minimum between 6-10 pm. The variation is of the order of 50%. Hence time of the day has influence on the measured serum TSH concentrations. TSH stimulates the production and secretion of the metabolically active hormones, thyroxine (T4) and trilodothyronine (T3). Failure at any level of regulation of the hypothalamic-pituitary-thyroid axis will result in either underproduction (hypothyroidism) or overproduction(hyperthyroidism) of T4 and/or T3.

CLINICAL CONDITION	T3	T4	TSH
Primary Hypothyroidism:	Reduced	Reduced	Increased (Significantly)
Subclinical Hypothyroidism:	Normal or Low Normal	Normal or Low Normal	High
Primary Hyperthyroidism:	Increased	Increased	Reduced (at times undetectable)
Subclinical Hyperthyroidism:	Normal or High Normal	Normal or High Normal	Reduced

#### LIMITATIONS:-

1. T3 and T4 circulates in reversibly bound form with Thyroid binding globulins (TBG), and to a lesser extent albumin and Thyroid binding Pre Albumin so conditions in which TBG and protein levels alter such as pregnancy, excess estrogens, androgens, anabolic steroids and glucocorticoids may falsely affect the T3 and T4 levels and may cause false thyroid values for thyroid function tests.

2. Normal levels of T4 can also be seen in Hyperthyroid patients with :T3 Thyrotoxicosis, Decreased binding capacity due to hypoproteinemia or ingestion of certain drugs (eg: phenytoin , salicylates).

3. Serum T4 levies in neonates and infants are higher than values in the normal adult , due to the increased concentration of TBG in neonate serum.

4. TSH may be normal in central hypothyroidism, recent rapid correction of hyperthyroidism or hypothroidism, pregnancy, phenytoin therapy.

TRIIODOTHYRONINE (T3)		THYROXINE (T4)		THYROID STIMULATING HORMONE (TSH)	
Age	Refferance Range (ng/mL)	Age	Refferance Range (µg/dL)	Age	Reference Range ( μIU/mL)
0 - 7 Days	0.20 - 2.65	0 - 7 Days	5.90 - 18.58	0 - 7 Days	2.43 - 24.3
7 Days - 3 Months	0.36 - 2.59	7 Days - 3 Months	6.39 - 17.66	7 Days - 3 Months	0.58 - 11.00
3 - 6 Months	0.51 - 2.52	3 - 6 Months	6.75 - 17.04	3 Days – 6 Months	0.70 - 8.40





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Test Name			Value	Unit		Biological Reference interval
6 - 12 Months	0.74 - 2.40	6 - 12 Months	7.10 - 16.16	6 – 12 Months	0.70 - 7.00	
1 - 10 Years	0.92 - 2.28	1 - 10 Years	6.00 - 13.80	1 – 10 Years	0.60 - 5.50	
11- 19 Years	0.35 - 1.93	11 - 19 Years	4.87- 13.20	11 – 19 Years	0.50 - 5.50	
> 20 years (Adults)	0.35 - 1.93	> 20 Years (Adults)	4.87 - 12.60	> 20 Years (Adults)	0.35-5.50	
	RECO	VIMENDATIONS OF TSH LI	EVELS DURING PRE	GNANCY ( µIU/mL)		
	1st Trimester			0.10 - 2.50		
2nd Trimester				0.20 - 3.00		
	3rd Trimester			0.30 - 4.10		

#### INCREASED TSH LEVELS:

1.Primary or untreated hypothyroidism may vary from 3 times to more than 100 times normal depending upon degree of hypofunction.

2.Hypothyroid patients receiving insufficient thyroid replacement therapy.

3.Hashimotos thyroiditis

4.DRUGS: Amphetamines, idonie containing agents & dopamine antagonist.

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

DECREASED TSH 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.

7.DRUGS: Glucocorticoids, Dopamine, Levodopa, T4 replacement therapy, Anti-thyroid drugs for thyrotoxicosis.

8. Pregnancy: 1st and 2nd Trimester



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Test Name		Value	Unit	Biological Reference interval			
		CLINICAL PAT	HOLOGY				
	URINE RC	DUTINE & MICROS	COPIC EXAMINAT	ION			
PHYSICAL EXAMINA	TION						
QUANTITY RECIEVED	) TANCE SPECTROPHOTOMETRY	30	ml				
COLOUR		PALE YELLOW		PALE YELLOW			
-	TANCE SPECTROPHOTOMETRY	CLEAD					
TRANSPARANCY by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		CLEAR		CLEAR			
SPECIFIC GRAVITY		1.02		1.002 - 1.030			
	TANCE SPECTROPHOTOMETRY						
CHEMICAL EXAMINA	ATION						
REACTION		ACIDIC					
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY							
PROTEIN		NEGATIVE (-ve)		NEGATIVE (-ve)			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY SUGAR		NEGATIVE (-ve)		NEGATIVE (-ve)			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY							
рН		5.5		5.0 - 7.5			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY							
BILIRUBIN by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)			
NITRITE		NEGATIVE (-ve)		NEGATIVE (-ve)			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY.							
		NOT DETECTED	EU/dL	0.2 - 1.0			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY KETONE BODIES		NEGATIVE (-ve)		NEGATIVE (-ve)			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY							
BLOOD		NEGATIVE (-ve)		NEGATIVE (-ve)			
by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY							
ASCORBIC ACID by DIP STICK/REFLECTANCE SPECTROPHOTOMETRY		NEGATIVE (-ve)		NEGATIVE (-ve)			
MICROSCOPIC EXAM							



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						CLIENT ADDRESS	CLIENT ADDRESS : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA					
						Test Name		Value	Unit	Biological Reference interval		
						RED BLOOD CELLS (RBCs) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		NEGATIVE (-ve)	/HPF	0 - 3		
PUS CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		3-4	/HPF	0 - 5								
EPITHELIAL CELLS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		2-3	/HPF	ABSENT								
CRYSTALS by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT		NEGATIVE (-ve)		NEGATIVE (-ve)								
CASTS		NEGATIVE (-ve)		NEGATIVE (-ve)								

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT BACTERIA NEGATIVE (-ve) NEGATIVE (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT NEGATIVE (-ve) OTHERS **NEGATIVE** (-ve) by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT TRICHOMONAS VAGINALIS (PROTOZOA) ABSENT ABSENT

by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT

\* \* \* End Of Report \*





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