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

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

NAME	: Mrs. JASMEET KAUR			
AGE/ GENDER	: 31 YRS/FEMALE		PATIENT ID	: 1679002
COLLECTED BY	:		REG. NO./LAB NO.	: 122411220006
REFERRED BY	:		<b>REGISTRATION DATE</b>	: 22/Nov/2024 09:57 AM
BARCODE NO.	: 12505777		COLLECTION DATE	: 22/Nov/2024 10:33AM
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INSTITU	ТЕ	<b>REPORTING DATE</b>	: 22/Nov/2024 01:09PM
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBAL	A CITY - HA	ARYANA	
Test Name		Value	Unit	Biological Reference interval
		HAEM	IATOLOGY	
	СОМР	LETE BI	LOOD COUNT (CBC)	
RED BLOOD CELLS	<b>S (RBCS) COUNT AND INDICES</b>			
HAEMOGLOBIN (H by Calorimetric		12.2	gm/dL	12.0 - 16.0
RED BLOOD CELL (	RBC) COUNT OCUSING, ELECTRICAL IMPEDENCE	3.81	Millions/	cmm 3.50 - 5.00
PACKED CELL VOLI	UME (PCV) UTOMATED HEMATOLOGY ANALYZER	34.5 <sup>L</sup>	%	37.0 - 50.0
MEAN CORPUSCUL	AR VOLUME (MCV) JUTOMATED HEMATOLOGY ANALYZER	90.6	KR fl	80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	32.01	pg	27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	35.4	g/dL	32.0 - 36.0
	UTION WIDTH (RDW-CV)	14.3	%	11.00 - 16.00
RED CELL DISTRIB	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	48.5	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED		23.78	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA:
GREEN & KING INI by CALCULATED	DEX	33.99	RATIO	>13.0 BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CE	LLS (WBCS)			
	Y BY SF CUBE & MICROSCOPY	8790	/cmm	4000 - 11000
NEUTROPHILS	UCOCYTE COUNT (DLC)	65	%	50 - 70
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY	23	%	20 - 40

**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
by FLOW CYTOMETRY EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	3	%	1 - 6
	BY SF CUBE & MICROSCOPY	3	70	1-0
MONOCYTES		9	%	2 - 12
BASOPHILS	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1
by FLOW CYTOMETRY	Y BY SF CUBE & MICROSCOPY	Ŭ	10	
ABSOLUTE LEUKO	<u>CYTES (WBC) COUNT</u>			
ABSOLUTE NEUTR	OPHIL COUNT y by sf cube & microscopy	5714	/cmm	2000 - 7500
ABSOLUTE LYMPH		2022 <sup>L</sup>	/cmm	800 - 4900
	BY SF CUBE & MICROSCOPY			10 110
ABSOLUTE EOSINO by FLOW CYTOMETRY	PHIL COUN I Y BY SF CUBE & MICROSCOPY	264	/cmm	40 - 440
ABSOLUTE MONOC		791	/cmm	80 - 880
by FLOW CYTOMETRY ABSOLUTE BASOPH	Y BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
	BY SF CUBE & MICROSCOPY	U	/ chini	0-110
PLATELETS AND O	THER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT (	(PLT) OCUSING, ELECTRICAL IMPEDENCE	260000	/cmm	150000 - 450000
PLATELETCRIT (PC by HYDRO DYNAMIC F	T) OCUSING, ELECTRICAL IMPEDENCE	0.27	%	0.10 - 0.36
MEAN PLATELET V	OLUME (MPV) OCUSING, ELECTRICAL IMPEDENCE	10	fL	6.50 - 12.0

75000

28.9

16.1

PLATELET LARGE CELL COUNT (P-LCC)

PLATELET LARGE CELL RATIO (P-LCR)

PLATELET DISTRIBUTION WIDTH (PDW)

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE

by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD

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/cmm

%

%

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30000 - 90000

11.0 - 45.0

15.0 - 17.0



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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AM	BALA CITY - HARY	ANA	
Test Name		Value	Unit	Biological Reference interval
	<b>ERYTHR(</b> DIMENTATION RATE (ESR)		ENTATION RATE ( mm/1st	
	GATION BY CAPILLARY PHOTOMETRY	55 <sup>H</sup>	IIIII/ 1st	111 0-20
1. ESR is a non-specif immune disease, but	fic test because an elevated result does not tell the health practition	often indicates the er exactly where the	e presence of inflammat ne inflammation is in the	ion associated with infection, cancer and auto e body or what is causing it.
2. An ESR can be affe as C-reactive protein	ected by other conditions besides in	nflammation. For t	his reason, the ESR is ty	pically used in conjunction with other test suc
3. This test may also	be used to monitor disease activit	y and response to	therapy in both of the a	bove diseases as well as some others, such as
systemic lupus eryth CONDITION WITH LO	W ESR			
	n with conditions that inhibit the	normal codimontat		
(polycythaemia), sign as sickle cells in sick	hificantly high white blood cell cou le cell anaemia) also lower the ES	Int (leucocytosis),	ion of red blood cells, s and some protein abno	uch as a high red blood cell count rmalities. Some changes in red cell shape (su
(polycythaemia), sign as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected	nificantly high white blood cell cou	nt (leucocytosis) , R. of inflammation. P, either at the sta , <b>making it a bette</b> r	and some protein abno	ormalities. Šome changes in red cell shape (su s it resolves.



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.

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A PIONEER DIAGNOSTIC CENTRE

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NAME : Mrs. JASMEET KAUR **AGE/ GENDER** : 31 YRS/FEMALE **PATIENT ID** :1679002 **COLLECTED BY** REG. NO./LAB NO. :122411220006 **REFERRED BY REGISTRATION DATE** : 22/Nov/2024 09:57 AM **BARCODE NO.** :12505777 **COLLECTION DATE** : 22/Nov/2024 10:33AM CLIENT CODE. : P.K.R JAIN HEALTHCARE INSTITUTE **REPORTING DATE** : 22/Nov/2024 01:09PM **CLIENT ADDRESS** : NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA Value Unit **Biological Reference interval** Test Name **CLINICAL CHEMISTRY/BIOCHEMISTRY GLUCOSE RANDOM (R)** 77.79 GLUCOSE RANDOM (R): PLASMA NORMAL: < 140.00 mg/dL by GLUCOSE OXIDASE - PEROXIDASE (GOD-POD) PREDIABETIC: 140.0 - 200.0 DIABETIC: > 0R = 200.0**INTERPRETATION** 

IN ACCORDANCE WITH AMERICAN DIABETES ASSOCIATION GUIDELINES: 1. A random plasma glucose level below 140 mg/dl is considered normal. 2. A random glucose level between 140 - 200 mg/dl is considered as glucose intolerant or prediabetic. A fasting and post-prnadial blood test (after consumption of 75 gms of glucose) is recommended for all such patients.

3. A random glucose level of above 200 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, AMBALA CIT	IY - HARYANA		
Test Name	Valu	ue Unit	Biological Reference interval	
3rd GENERATION, ULT INTERPRETATION:				
	AGE	REFFERENCE RANGE	<u> </u>	
	0 – 5 DAYS	0.70 - 15.20		
	6 Days – 2 Months 3 – 11 Months	0.70 - 11.00		
	3 - 11 Months 1 - 5 Years	0.70 - 8.40		
	6 – 10 Years	0.70 - 7.00		
	11 - 15	0.50 - 5.50		
	> 20 Years (Adults)	0.27 – 5.50		
	PREGNAI			
	1st Trimester	0.10 - 3.00		
	2nd Trimester	0.20 - 3.00		

NOTE:-TSH levels are subjected to circardian 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 concentration.

0.30 - 4.10

**USE**:- TSH controls biosynthesis and release of thyroid harmones T4 & T3. It is a sensitive measure of thyroid function, especially useful in early or subclinical hypothyroidism, before the patient develops any clinical findings or goitre or any other thyroid function abnormality. **INCREASED LEVELS**:

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

2.Hypothyroid patients receiving insufficient thyroid replacement therapy.

3rd Trimester

3.Hashimotos thyroiditis.

4.DRUGS: Amphetamines, Iodine 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.

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





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: 22/Nov/2024 01:09PM

Test Name	Value	Unit	<b>Biological Reference interval</b>

**REPORTING DATE** 

8. Pregnancy: 1st and 2nd Trimester

: P.K.R JAIN HEALTHCARE INSTITUTE

: NASIRPUR, HISSAR ROAD, AMBALA CITY - HARYANA

LIMITATIONS:

**CLIENT CODE.** 

**CLIENT ADDRESS** 

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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CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD,	AMBALA CITY - HARYAN	JA	
Test Name		Value	Unit	<b>Biological Reference interval</b>
		PROLAC	TIN	
PROLACTIN: SERU	М	17.77	ng/mL	3 - 25
	ESCENT MICROPARTICLE IMMUNC		8	
2.Functional and org: 3.Primary hypothyroi 4.Section compressio 5.Chest wall lesions a 6.Ectopic tumors. 7.DRUGS:- Anti-Dopa receptors, or serotor Opiates, High doses <b>SIGNIFICANCE:</b> 1.In loss of libido, gal	minergic drugs like antipsycho in reuptake (anti-depressants of estrogen or progesterone,a actorrhea, oligomHyperprolac	nus. tic drugs, antinausea/an of all classes, ergot deri nticonvulsants (valporic	tiemetic drugs, Drugs t vatives, some illegal d acid), anti-tuberculou	hat affect CNS serotonin metabolism, serotor rugs such as cannabis), Antihypertensive dru s medications (Isoniazid).
from decreased music 3. In males, prolactin 4. In women, prolactin 5. Clear symptoms an 4. Mild to moderately adenoma is present, <b>CAUTION:</b> Prolactin values that	itence, infertility, and hypogon cle mass and osteoporosis. levels >13 ng/mL are indicative of n levels >27 ng/mL in the absence d signs of hyperprolactinemia a y increased levels of serum pro 5.Whereas levels >250 ng/mL a exceed the reference values m	adism in males. Postme of hyperprolactinemia. See of pregnancy and postp are often absent in patie plactin are not a reliable are usually associated w may be due to macroprola	nopausal and premend partum lactation are ind onts with serum prolac guide for determining ith a prolactin-secretir actin (prolactin bound	opausal women, as well as men, can also suff dicative of hyperprolactinemia. tin levels <100 ng/mL. whether a prolactin-producing pituitary ng tumor. to immunoqlobulin). Macroprolactin should k
from decreased music 3. In males, prolactin 4. In women, prolactin 5. Clear symptoms an 4. Mild to moderately adenoma is present, <b>CAUTION:</b> Prolactin values that	tence, infertility, and hypogon cle mass and osteoporosis. levels >13 ng/mL are indicative of n levels >27 ng/mL in the absenc d signs of hyperprolactinemia y increased levels of serum pro 5.Whereas levels >250 ng/mL a	adism in males. Postme of hyperprolactinemia. See of pregnancy and postp are often absent in patie plactin are not a reliable are usually associated w may be due to macroprola	nopausal and premend partum lactation are ind nts with serum prolac guide for determining ith a prolactin-secretir actin (prolactin bound tary imaging studies an	opausal women, as well as men, can also suffe dicative of hyperprolactinemia. tin levels <100 ng/mL. whether a prolactin-producing pituitary ng tumor. to immunoglobulin). Macroprolactin should b

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