



	<b>Dr. Vinay Chopr</b> MD (Pathology & Micr Chairman & Consultar	robiology)		Pathology)
NAME	: Ms. SAKSHI			
AGE/ GENDER	: 28 YRS/FEMALE		PATIENT ID	: 1587572
COLLECTED BY	:		REG. NO./LAB NO.	: 012408220039
<b>REFERRED BY</b>	:		<b>REGISTRATION DATE</b>	: 22/Aug/2024 11:16 AM
BARCODE NO.	: 01515486		COLLECTION DATE	: 22/Aug/2024 11:21AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 22/Aug/2024 11:55AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTI		
Test Name		Value	Unit	Biological Reference interval
		HAEN	IATOLOGY	
	CON	<b>IPLETE BL</b>	OOD COUNT (CBC)	
RED BLOOD CELLS (RI	BCS) COUNT AND INDICES			
HAEMOGLOBIN (HB) by CALORIMETRIC		10.5 <sup>L</sup>	gm/dL	12.0 - 16.0
RED BLOOD CELL (RB	C) COUNT DCUSING, ELECTRICAL IMPEDENCE	4.8	Millions/cr	nm 3.50 - 5.00
PACKED CELL VOLUM		34.2 <sup>L</sup>	%	37.0 - 50.0
MEAN CORPUSCULAR		71.3 <sup>L</sup>	fL	80.0 - 100.0
MEAN CORPUSCULAR	R HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	21.8 <sup>L</sup>	pg	27.0 - 34.0
	R HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	30.6 <sup>L</sup>	g/dL	32.0 - 36.0
	ON WIDTH (RDW-CV) utomated hematology analyzer	17 <sup>H</sup>	%	11.00 - 16.00
RED CELL DISTRIBUTI		45.2	fL	35.0 - 56.0
MENTZERS INDEX		14.85	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDE	(	25.17	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS	<u>(WBCS)</u>			itter bei telenet Anelvia. 203.0
TOTAL LEUCOCYTE CO		7580	/cmm	4000 - 11000
NUCLEATED RED BLO	OD CELLS (nRBCS)	NIL		0.00 - 20.00
NUCLEATED RED BLO	t hematology analyzer OD CELLS (nRBCS) % jtomated hematology analyzer	NIL	%	< 10 %
DIFFERENTIAL LEUCO				
NEUTROPHILS by flow cytometry	BY SF CUBE & MICROSCOPY	72 <sup>H</sup>	%	50 - 70



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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT



NAME

Test Name

**EOSINOPHILS** 

MONOCYTES

BASOPHILS





%

%

%

MD (Pathology)

:1587572

:012408220039

: 22/Aug/2024 11:16 AM

:22/Aug/2024 11:21AM

: 22/Aug/2024 11:55AM

20 - 40

1-6

2 - 12

0 - 1

**Biological Reference interval** 

Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** : Ms. SAKSHI **PATIENT ID** AGE/ GENDER : 28 YRS/FEMALE **COLLECTED BY** REG. NO./LAB NO. : **REFERRED BY REGISTRATION DATE** : **BARCODE NO.** :01515486 **COLLECTION DATE CLIENT CODE.** : KOS DIAGNOSTIC LAB **REPORTING DATE CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value Unit % LYMPHOCYTES 21 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY Ω by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT

ABSOLUTE NEUTROPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	5458	/cmm	2000 - 7500
ABSOLUTE LYMPHOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	1592	/cmm	800 - 4900
ABSOLUTE EOSINOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	76	/cmm	40 - 440
ABSOLUTE MONOCYTE COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	455	/cmm	80 - 880
ABSOLUTE BASOPHIL COUNT by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110
PLATELETS AND OTHER PLATELET PREDICTIVE MARKER	<u>lS.</u>		
PLATELET COUNT (PLT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	386000	/cmm	150000 - 450000
PLATELETCRIT (PCT) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	0.48 <sup>H</sup>	%	0.10 - 0.36
MEAN PLATELET VOLUME (MPV) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	12 <sup>H</sup>	fL	6.50 - 12.0
PLATELET LARGE CELL COUNT (P-LCC) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	170000 <sup>H</sup>	/cmm	30000 - 90000
PLATELET LARGE CELL RATIO (P-LCR) by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	44.1	%	11.0 - 45.0
PLATELET DISTRIBUTION WIDTH (PDW) by hydro dynamic focusing, electrical impedence NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD	15.4	%	15.0 - 17.0



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BARCODE NO.	: 01515486		LLECTION DATE	: 22/Aug/2024 11:21AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 22/Aug/2024 01:05PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD	), AMBALA CANTT		
Test Name		Value	Unit	Biological Reference interva
THYROID STIMULAT	ING HORMONE (TSH): SERUM	1.083	NOLOGY IG HORMONE (TSH) μIU/mL	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM	ROID STIMULATIN	IG HORMONE (TSH)	0.35 - 5.50
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ	
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20	
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00	
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40	
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00	
THYROID STIMULAT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50	
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years	(ROID STIMULATIN 1.083 ASSAY)	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50	
THYROID STIMULAT by CMIA (CHEMILUMIN Brd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO. RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15	ROID STIMULATIN	IG HORMONE (TSH) μIU/mL REFFERENCE RANGE (μ 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50	
THYROID STIMULAT by CMIA (CHEMILUMIN 3rd GENERATION, ULT	ING HORMONE (TSH): SERUM IESCENT MICROPARTICLE IMMUNO RASENSITIVE AGE 0 – 5 DAYS 6 Days – 2 Months 3 – 11 Months 1 – 5 Years 6 – 10 Years 11 - 15 > 20 Years (Adults)	(ROID STIMULATIN 1.083 ASSAY)	<b>IG HORMONE (TSH)</b> μIU/mL <b>REFFERENCE RANGE (μ</b> 0.70 – 15.20 0.70 – 11.00 0.70 – 8.40 0.70 – 7.00 0.60 – 5.50 0.50 – 5.50 0.27 – 5.50	

**KOS Diagnostic Lab** 

(A Unit of KOS Healthcare)

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.

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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Page 3 of

TEST PERFORMED AT KOS DIAGNOSTIC LAB. AMBALA CANTT





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AGE/ GENDER	: 28 YRS/FEMALE	PAT	IENT ID	: 1587572
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Test Name		Value	Unit	Biological Reference interval

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

## 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.

\*\*\* End Of Report \*\*?



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