



by CALCULATEDIRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT:<= 6 IRON DEFICIENCY ANEMIA: > 65WHITE BLOOD CELLS (WBCS)5110/cmm4000 - 11000by FLOW CYTOMETRY BY SF CUBE & MICROSCOPYNIL0.00 - 20.00by AUTOMATED 6 PART HEMATOLOGY ANALYZERNIL%<10 %NUCLEATED RED BLOOD CELLS (nRBCS) %NIL%<10 %by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERNIL%<10 %		Dr. Vinay Chopr MD (Pathology & Mic Chairman & Consulta	robiology)		Pathology)
COLLECTED EYSURJESHREG. NO. / LAB NO.SI 2140910028BEFERRED BYS. 0.1516687COLLECTION DATE10/Sep/2024 10:01 AMCULENT CODEKOS DIAGNOSTIC LABREPORTING DATE110/Sep/2024 10:01 AMCULENT ADDRESSS 6349/1, NICHOLSON ROAD, AMBALA CANTTIIIIIII/Sep/2024 10:01 AMTest NameValueUnitBiological Reference IntervalCOMPLETE BLOOD COUNT (CBC)RED BLOOD CELLS (RESS) COUNT AND INDICESHAEMATOLOGYHAEMATOLOGY COUNT AND INDICESHAEMATOLOGY COUNT (CBC)POROMIC CELL (RESS) COUNT AND INDICESHAEMOCLOBIN (HB)12.2gm/dL12.0 - 17.0grad/dL12.0	NAME :	Mr. RAMESH CHAND GUPTA			
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BARCODE NO. : 01516687 COLLECTION DATE : 10/Sep/2024 10:04AM CLIENT CODE : KOS DIAGNOSTIC LAB REPORTING DATE : 10/Sep/2024 10:14AM CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT Init Biological Reference interval Test Name Value Unit Biological Reference interval HAEMATOLOGY COMPLETE BLOOD COUNT (CBC) RED BLOOD CELLS (RECS) COUNT AND INDICES HAEMOGLOBIN (HB) 12.2 gm/dL 12.0 - 17.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 38.4 ^L % 40.0 - 54.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 38.4 ^L % 40.0 - 54.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 92.2 fL 80.0 - 100.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 92.4 pg 27.0 - 34.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 31.9 ^L % 11.00 - 16.00 92.0 by CALCUARTED of AUTOMATED HEMATOLOGY ANALYZER 32.0 % 11.00 - 16.00 92.0 92.0 93.0 11.00 - 16.00 92.0 92.0 92.0 92.0 93.0 93.	COLLECTED BY :	SURJESH		REG. NO./LAB NO.	: 012409100028
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MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER31.9Lg/dL32.0 - 36.0RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER13.9%11.00 - 16.00RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER47.6fL35.0 - 56.0MENTZERS INDEX by CALCULATED22.11RATIOBETA THALASSEMIA TRAIT: < 13 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: < 6 IRON DEFICIENCY ANEMIA: >65WHITE BLOOD CELLS (WBCS)6110/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED HEMATOLOGY ANALYZERNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERNIL%< 10 %			29.4	pg	27.0 - 34.0
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER13.9%11.00 - 16.00RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER47.6fL35.0 - 56.0MENTZERS INDEX by CALCULATED22.11RATIOBETA THALASSEMIA TRAIT: < 13 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: < 6 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: < 6 IRON DEFICIENCY ANEMIA: >65WHITE BLOOD CELLS (WBCS)5110/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED & PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BLOOD CELLS (nRBCS) % hNIL%< 10 %	MEAN CORPUSCULAR	HEMOGLOBIN CONC. (MCHC)	31.9 ^L	g/dL	32.0 - 36.0
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER47.6fL35.0 - 56.0MENTZERS INDEX by CALCULATED22.11RATIOBETA THALASSEMIA TRAIT: < 13 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: < 6 IRON DEFICIENCY ANEMIA: >65WHITE BLOOD CELLS (WBCS)30.88RATIOBETA THALASSEMIA TRAIT: < 6 IRON DEFICIENCY ANEMIA: > 65TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED BLOOD CELLS (nRBCS) % by CALCULATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)NIL%<10 %			13.9	%	11.00 - 16.00
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMENTZERS INDEX by CALCULATED22.11RATIOBETA THALASSEMIA TRAIT: < 13 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: <= 6 IRON DEFICIENCY ANEMIA: > 65WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY6110/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED & PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)NIL %%< 10 %	by CALCULATED BY AUT	OMATED HEMATOLOGY ANALYZER			
MENTZERS INDEX by CALCULATED22.11RATIOBETA THALASSEMIA TRAIT: < 13 IRON DEFICIENCY ANEMIA: >13GREEN & KING INDEX by CALCULATED30.88RATIOBETA THALASSEMIA TRAIT: <= 6 IRON DEFICIENCY ANEMIA: >65WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)NIL%<10 %			47.6	fL	35.0 - 56.0
by CALCULATED IRON DEFICIENCY ANEMIA: > 65 WHITE BLOOD CELLS (WBCS) TOTAL LEUCOCYTE COUNT (TLC) 6110 /cmm 4000 - 11000 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NIL 0.00 - 20.00 0.00 - 20.00 NUCLEATED RED BLOOD CELLS (NRBCS) NIL % < 10 %	MENTZERS INDEX		22.11	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC)6110/cmm4000 - 11000by FLOW CYTOMETRY BY SF CUBE & MICROSCOPYNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS)NIL0.00 - 20.00by AUTOMATED 6 PART HEMATOLOGY ANALYZERNIL%< 10 %			30.88	RATIO	BETA THALASSEMIA TRAIT:<= 65.0
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NUCLEATED RED BLOOD CELLS (nRBCS) NIL 0.00 - 20.00 by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % NIL % <10 % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)	WHITE BLOOD CELLS (WBCS)			
NUCLEATED RED BLOOD CELLS (nRBCS) NIL 0.00 - 20.00 by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % NIL % <10 %			6110	/cmm	4000 - 11000
by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % NIL % <10 % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)			NIL		0.00 - 20.00
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)	by AUTOMATED 6 PART	HEMATOLOGY ANALYZER			
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			NIL	%	< 10 %
NEUTROPHILS 76 ^H % 50 - 70	,				
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY			76 ^H	%	50 - 70

by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.







Dr. Vinay Chopra Dr. Yugam Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mr. RAMESH CHAND GUPTA AGE/ GENDER : 76 YRS/MALE **PATIENT ID** :1608132 : SURJESH **COLLECTED BY** :012409100028 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 10/Sep/2024 10:01 AM : **BARCODE NO.** :01516687 **COLLECTION DATE** : 10/Sep/2024 10:04AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** :10/Sep/2024 10:14AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 16^L % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS 0^L % 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY MONOCYTES 8 % 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY % 0 BASOPHILS 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT ABSOLUTE NEUTROPHIL COUNT 4644 2000 - 7500 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 978 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY **ABSOLUTE EOSINOPHIL COUNT** 40 - 440 0^L /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 489 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 0 - 110 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 203000 150000 - 450000 /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) % 0.22 0.10 - 0.36 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE MEAN PLATELET VOLUME (MPV) fL 6.50 - 12.0 11 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 60000 /cmm 30000 - 90000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) 29.3 % 11.0 - 45.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE % 15.0 - 17.0 PLATELET DISTRIBUTION WIDTH (PDW) 16 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE NOTE: TEST CONDUCTED ON EDTA WHOLE BLOOD



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



	Dr. Vinay Ch MD (Pathology & Chairman & Cor	k Microbiology)		(Pathology)
NAME	: Mr. RAMESH CHAND GUPT	A		
AGE/ GENDER	: 76 YRS/MALE		PATIENT ID	: 1608132
COLLECTED BY	: SURJESH		REG. NO./LAB NO.	:012409100028
EFERRED BY	:		REGISTRATION DATE	: 10/Sep/2024 10:01 AM
ARCODE NO.	: 01516687		COLLECTION DATE	: 10/Sep/2024 10:04AM
LIENT CODE.	: KOS DIAGNOSTIC LAB		REPORTING DATE	: 10/Sep/2024 10:23AM
LIENT ADDRESS	: 6349/1, NICHOLSON ROAD,	AMBALA CANT	Г	
Test Name		Value	Unit	Biological Reference interval
	ERYT	IROCYTE SED	IMENTATION RATE (ES	R)
	MENTATION RATE (ESR)	8	mm/1st h	
(polycythaemia), sigr as sickle cells in sick NOTE: 1. ESR and C - reactiv 2. Generally, ESR doe 3. CRP is not affected 4. If the ESR is elevat 5. Women tend to ha 6. Drugs such as dexi	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 es not change as rapidly as does by as many other factors as is ES ed, it is typically a result of two ve a higher ESR, and menstruatio	ount (leucocytos SR. crs of inflammatic CRP, either at th SR, making it a be types of proteins on and pregnanc	is), and some protein abno n. e start of inflammation or as e tter marker of inflammatior s, globulins or fibrinogen. y can cause temporary eleva	1.
	. II		Л	





DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY)

DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)







	Dr. Vinay Chopra MD (Pathology & Microbiology) Chairman & Consultant Pathologist		(Pathology)
NAME	: Mr. RAMESH CHAND GUPTA		
AGE/ GENDER	: 76 YRS/MALE	PATIENT ID	: 1608132
COLLECTED BY	: SURJESH	REG. NO./LAB NO.	: 012409100028
REFERRED BY	:	REGISTRATION DATE	: 10/Sep/2024 10:01 AM
BARCODE NO.	: 01516687	COLLECTION DATE	: 10/Sep/2024 10:04AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 10/Sep/2024 10:44AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMBALA CANTT		
Test Name	Value	Unit	Biological Reference interval

PERIPHERAL BLOOD SMEAR FOR MALARIA

PERIPHERAL BLOOD SMEAR FOR MALARIAL PARASITE (MP) by MICROSCOPY NO MALARIA PARASITE (MP) SEEN IN SMEAR EXAMINED



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST MBBS, MD (PATHOLOGY & MICROBIOLOGY) DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST MBBS , MD (PATHOLOGY)

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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT





	Dr. Vinay Cho MD (Pathology & N Chairman & Consu	licrobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)
NAME	: Mr. RAMESH CHAND GUPTA			
AGE/ GENDER	: 76 YRS/MALE	PAT	ENT ID	: 1608132
COLLECTED BY	: SURJESH	REG.	NO./LAB NO.	: 012409100028
REFERRED BY	:	REG	STRATION DATE	: 10/Sep/2024 10:01 AM
BARCODE NO.	:01516687	COLL	LECTION DATE	: 10/Sep/2024 10:04AM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REP	ORTING DATE	: 10/Sep/2024 10:23AM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, Al	MBALA CANTT		
Test Name		Value	Unit	Biological Reference interval
	IMIN	IUNOPATHOLO	GY/SEROLOGY	
	WIE	DAL SLIDE AGGLU	TINATION TEST	
SALMONELLA TYPHI		1 : 20	TITRE	1 : 80
SALMONELLA TYPHI		1 : 20	TITRE	1 : 160

SALMONELLA TYPHI H	1:20	TITRE	1 : 160
by SLIDE AGGLUTINATION			
SALMONELLA PARATYPHI AH	NIL	TITRE	1 : 160
by SLIDE AGGLUTINATION			
SALMONELLA PARATYPHI BH	NIL	TITRE	1:160
by SLIDE AGGLUTINATION			

INTERPRETATION:

1. Titres of 1:80 or more for "O" agglutinin is considered significant.

2. Titres of 1:160 or more for "H" agglutinin is considered significant.

LIMITATIONS:

1.Agglutinins usually appear by 5th to 6th day of illness of enteric fever, hence a negative result in early stage is inconclusive. The titre then rises till 3rd or 4th week, after which it declines gradually.

2.Lower titres may be found in normal individuals.

3.A single positive result has less significance than the rising agglutination titre, since demonstration of rising titre four or more in 1st and 3rd week is considered as a definite evidence of infection.

4.A simultaneous rise in H agglutinins is suggestive of paratyphoid infection.

NOTE:

1. Individuals with prior infection or immunization with TAB vaccine may develop an ANAMNESTIC RESPONSE (False-Positive) during an unrelated fever i.e High titres of antibodies to various antigens. This may be differentiated by repitition of the test after a week.

2. The anamnestic response shows only a transient rise, while in enteric fever rise is sustained.

3.H agglutinins tend to persist for many months after vaccination but O agglutinins tend to disappear sooner i.e within 6 months. Therefore rise in Oagglutinins indicate recent infection.

*** End Of Report ***





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