

TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT.



by CALCULATEDIRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT:<= 65 IRON DEFICIENCY ANEMIA: > 65.WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC)8310/cmm4000 - 11000by FLOW CYTOMETRY BY SF CUBE & MICROSCOPYNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED & PART HEMATOLOGY ANALYZERNIL%<10 %DIFFERENTIAL LEUCOCYTE COUNT (DLC)NIL%<10 %		Dr. Vinay Chopra MD (Pathology & Microbiology)		MD (Dr. Yugam Chopra MD (Pathology)		
AGE/ GENDEE :41 YRS/MALE PATIENT ID :1614222 COLLECTED BY :: REG. NO./LAB NO. :012409150052 REFERED BY :: REGISTRATION DATE :15/Sep/2024 07.31PM BARCODE NO. :01517028 COLLECTION DATE :15/Sep/2024 07.31PM CILENT CODE ::SOS DIAGNOSTIC LAB REPORTING DATE :15/Sep/2024 07.31PM CILENT CODE ::SOS DIAGNOSTIC LAB REPORTING DATE :15/Sep/2024 07.31PM CILENT CODE ::SOS DIAGNOSTIC LAB REPORTING DATE :15/Sep/2024 07.31PM CILENT CODE ::SOS DIAGNOSTIC LAB REPORTING DATE :15/Sep/2024 07.31PM CILENT CODE ::SOS DIAGNOSTIC LAB REPORDED ::SOS DIAGNOSTIC CODE FED BLOOD CELLS (RECS) COUNT AND INDICES ::SOS DIAGNOSTIC CONT :SOS DIAGNOSTIC CONT PAIEMOCICIOSIN (HB) :13.6 <th></th> <th>Chairman & Consulta</th> <th>ant Pathologist</th> <th>CEO & Consultant I</th> <th>Pathologist</th>		Chairman & Consulta	ant Pathologist	CEO & Consultant I	Pathologist		
COLLECTED BYI:REG. NO./LAB NO.I: 012409150052REFERED BYI:I:I:5/Sep/2024 07:17 PMBARCODE NO.I:I:5/Sep/2024 07:31 PMCULENT CODEI:I:5/Sep/2024 07:31 PMCULENT ADDRESSI:I:5/Sep/2024 07:31 PMCULENT ADDRESSI:I:5/Sep/2024 07:31 PMCULENT ADDRESSI:I:5/Sep/2024 07:31 PMCUENT ADDRESSI:I:5/Sep/2024 07:31 PMCUENT ADDRESSI:I:5/Sep/2024 07:31 PMCOMPLETE BLOOD COUNT (CBC)I:I:RED BLOOD CELLS (RECS) COUNT AND INDICESII:II:HAEMOGLOBIN (HB)II:II:II:IV CALOMMETRICII:II:II:PACKED CELL VOLUME (MCV)II:II:II:IV CONVERTICII:II:II:II:PACKED CELL VOLUME (MCV)II:II:II:II:IV CALOMARTED HEMATCICOV ANALYZERII:II:II:II:MEAN CORPUSCULAR NOLUME (MCV)II:II:II:II:II:IV CALCULATED BY AUTOMATED HEMATCICOV ANALYZERII:II:II:II:II:MEAN CORPUSCULAR HAEMOGLOBIN (MCH)II:II:II:II:II:II:II:IV CALCULATED BY AUTOMATED HEMATCICOV ANALYZERII:<							
REFEREND BY ::::::::::::::::::::::::::::::::::::		: 41 YRS/MALE					
BARCODE NO.: 01517028COLLECTION DATE: 15/Sep/2024 07:31PM REPORTING DATECLIENT CODE: KOS DIAGNOSTIC LABREPORTING DATE: 15/Sep/2024 07:31PM SEP/2024 07:31PMCLIENT ADDRESS: 6349/1, NICHOLSON ROAD, AMBALA CANTTTest NameValueUnitBiological Reference intervalHAEMATOLOGYCOMPLETE BLOOD COUNT (CBC)PAEMATOLOGYHAEMOGLOBIN (HB) by CALORMETRIC13.6gm/dL12.0 - 17.0by MCGLUR RECOUNT AND INDICESHAEMOGLOBIN (HB) by CALORMETRIC3.505.00PACKED CELL (REC) COUNT4.35Millions/cmm3.50 - 5.00by MCGLUR CELL (REC) COUNTby MCROULARED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR NOLLINE DHEMATOLOGY ANALYZER MEAN CORPUSCULAR NOLLINE DHEMATOLOGY ANALYZER 		:					
CLIENT CODE : KOS DIAGNOSTIC LAB REPORTING DATE :: 15/Sep/2024 07:38PM CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANT Biological Reference interval Image: Complete the state of					•		
CLENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTE Test Name Value Unit Biological Reference interval HAEMATOLOGY COMPLETE BLOOD COUNT (CBC) PACHO CELLS (RECS) COUNT AND INDICES HAEMOGLOBIN (HB) 13.6 gm/dL 12.0 - 17.0 by CALCULATED COLLING, ELECTRICAL IMPEDENCE 4.35 Millions/cmm 3.50 - 5.00 PACKED CELL (RC) COUNT by ANDRO DYNAMIG POCUSING, ELECTRICAL IMPEDENCE 95.7 fl. 80.0 - 100.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR VOLUME (MCV) 95.7 fl. 80.0 - 100.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN (MCH) 31.4 pg 27.0 - 34.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HEMOGLOBIN (MCH) 32.8 g/dL 32.0 - 36.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEEN CORPUSCULAR HEMOGLOBIN (MCH) 14.3 % 11.00 - 16.00 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER RED CELL DISTRIBUTION WIDTH (RDW-SD) 51 fl. 35.0 - 56.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER RED CELL DISTRIBUTION WIDTH (RDW-SD) 51 fl. 35.0 - 56.0 by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER RED CELL DISTRIBUTION WIDT					-		
HAEMATOLOGY COMPLETE BLOOD COUNT (CBC) HAEMOGLOBIN (FBC) HAEMOGLOBIN (FBC) HAEMOGLOBIN (FBC) RED BLOOD CELLS (RBCS) COUNT AND INDICES HAEMOGLOBIN (FBC) Not and the second of				REPORTING DATE	. 15/ sep/ 2024 07.38rM		
COMPLETE BLOOD COUNT (EBC)HAEMOGLOBIN (HB) by CALORIMETRIC13.6gm/dl12.0 - 17.0RED BLOOD CELLS (RBC) COUNT by CALORIMETRIC4.35Millions/cmm3.50 - 5.00PACKED CELL VOLUME (RCV) OUNT by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4pg27.0 - 34.0MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MENTZERS INDEX by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MENTZERS INDEX 	Test Name		Value	Unit	Biological Reference interval		
COUPLETE BLOOD COUNT (BC) HAEMOGLOBIN (HB) by CALORMETRIC 13.6 gm/dl 12.0 - 17.0 NEED BLOOD CELLS (RBC) COUNT 4.35 Millions/cmm 3.50 - 5.00 PACKED CELL VOLUME (RCV) OUNT 4.35 Millions/cmm 3.50 - 5.00 PACKED CELL VOLUME (RCV) 41.6 % % MEAN CORPUSCULAR VOLUME (NCV) 95.7 FL 80.0 - 100.0 by CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER MEAN CORPUSCULAR HEMOGLOBIN (NCH) 31.4 g/dL 32.0 - 36.0 by CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER MEAN CORPUSCULAR HEMOGLOBIN CONC. (NCHC) 32.0 - 36.0 by CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER RED CELL DISTRIBUTION WIDTH (RDW-SU) 1.1 IL 000 - 10.00 ED CELL DISTRIBUTION WIDTH (RDW-SU) 5.1 FL by CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER CALCULATED BY AUTOMATED HEMATOLOGY AMALYZER CALCULATED			HAEM	ATOLOGY			
RED BLOOD CELLS (RBCS) COUNT AND INDICESHAEMOGLOBIN (HB) by CALORIMETRIC13.6gm/dL12.0 - 17.0RED BLOOD CELL (RBC) COUNT by CALORIMETRIC4.35Millions/cmm3.50 - 5.00PACKED CELL VOLUME (PCV)41.6%40.0 - 54.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER MEAN CORPUSCULAR HAEMOGLOBIN (MCH)95.7FL80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER 		COM					
HAEMOGLOBIN (HB) by CALORIMETRIC13.6gm/dL12.0 - 17.0RED BLOOD CELL (RBC) COUNT by YORD OCUSING, ELECTRICAL IMPEDENCE4.35Millions/cmm3.50 - 5.00PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER41.6%40.0 - 54.0MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER95.7fl80.0 - 100.0MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER95.7fl80.0 - 100.0MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER31.4pg27.0 - 34.0MEAN CORPUSCULAR HAEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERg/dL32.0 - 36.0MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER14.3%11.00 - 16.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER7fl35.0 - 56.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.1GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: < 15. IRON DEFICIENCY ANEMIA: >65. TOTAL LEUCOCYTE COUNT (TLC) by AUTOMATED GRAFT HEMATOLOGY ANALYZERNIL0.00 - 11000by CALCULATEDNIL0.00 - 20.00by AUTOMATED HEMATOLOGY ANALYZERNILNUCLEATED RED BLOOD CELLS (NBCS)NIL%<10 %	RED BLOOD CELLS (F						
by CALORIMETRIC4.35Millions/cmm3.50 - 5.00RED BLOOD CELL (RBC) COUNT4.35Millions/cmm3.50 - 5.00by HYDRO DYMANIC POCUSING, ELECTRICAL IMPEDENCE41.6%40.0 - 54.0PACKED CELL VOLUME (PCV)41.6%40.0 - 54.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%95.7fLMEAN CORPUSCULAR VOLUME (MCV)95.7fL80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4pgMEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)32.8g/dL32.0 - 36.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER714.3%11.00 - 16.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER7FL35.0 - 56.0BED CELL DISTRIBUTION WIDTH (RDW-SD)51fL35.0 - 56.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.1by CALCULATEDYAUTOMATED HEMATOLOGY ANALYZER22RATIOBETA THALASSEMIA TRAIT: < 15. IRON DEFICIENCY ANEMIA: >65.MENTZERS INDEX31.6RATIOBETA THALASSEMIA TRAIT: < 65.			13.6	am/dL	12.0 - 17.0		
by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCEPACKED CELL VOLUME (PCV)41.6%40.0 - 54.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER95.7FL80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERpg27.0 - 34.0MEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4pg27.0 - 34.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERg/dL32.0 - 36.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERg/dL32.0 - 36.0MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)32.8g/dL32.0 - 36.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER14.3%11.00 - 16.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER22RATIOBETA THALASSEMIA TRAIT: < 13.	by CALORIMETRIC						
PACKED CELL VOLUME (PCV)41.6%40.0 - 54.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%80.0 - 100.0MEAN CORPUSCULAR VOLUME (MCV)95.7fL80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERpg27.0 - 34.0MEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4pg27.0 - 34.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERg/dL32.0 - 36.0MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)32.8g/dL32.0 - 36.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%11.00 - 16.00BY AUTOMATED HEMATOLOGY ANALYZER%11.00 - 16.00BY CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%11.00 - 16.00BY CALCULATEDStore Store St			4.35	Millions/cn	nm 3.50 - 5.00		
MEAN CORPUSCULAR VOLUME (MCV)95.7fL80.0 - 100.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERpg27.0 - 34.0MEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4pg27.0 - 34.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERg/dL32.0 - 36.0MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)32.8g/dL32.0 - 36.0by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER%11.00 - 16.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER22RATIOMENTZERS INDEX22RATIOBETA THALASSEMIA TRAIT: < 13.	PACKED CELL VOLUN	/IE (PCV)	41.6	%	40.0 - 54.0		
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMEAN CORPUSCULAR HAEMOGLOBIN (MCH)31.4by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-CV)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD)by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMENTZERS INDEXby CALCULATEDBY AUTOMATED KENCREEN & KING INDEXby CALCULATEDSTOTAL LEUCOCYTE COUNT (TLC)B310by CALCULATED BLOOD CELLS (NRBCS)NUCLEATED RED BLOOD CELLS (NRBCS)NUCLEATED BY AUTOMATED HEMATOLOGY ANALYZERNUCLEATED BY AUTOMATED HEMATOLOGY ANALYZERDIFFERENTIAL LEUCOCYTE COUNT (DLC)			95.7	fL	80.0 - 100.0		
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERIMEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER32.8g/dL32.0 - 36.0RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER14.3%11.00 - 16.00RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER51fL35.0 - 56.0MENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: < 65. IRON DEFICIENCY ANEMIA: >65.WHITE BLOOD CELLS (WBCS)11.0/cmm4000 - 11000V FLOW CYTOMETRY BY SF CUBE & MICROSCOPYNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) by CALCULATED BLOOD CELLS (nRBCS) by CALCULATED BLOOD CELLS (nRBCS) by CALCULATED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERDIFFERENTIAL LEUCOCYTE COUNT (DLC)%< 10 %	by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER					
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER32.8g/dL32.0 - 36.0RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER14.3%11.00 - 16.00RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER51fL35.0 - 56.0MENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: <= 65. IRON DEFICIENCY ANEMIA: >65.0WHITE BLOOD CELLS (WBCS)8310/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED HEMATOLOGY ANALYZERNIL0.00 - 20.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER by CALCULATEDNIL%<10 %			31.4	pg	27.0 - 34.0		
RED CELL DISTRIBUTION WIDTH (RDW-CV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER14.3%11.00 - 16.00RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER51FL35.0 - 56.0MENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: <= 65. IRON DEFICIENCY ANEMIA: >65.0WHITE BLOOD CELLS (WBCS)31.6RATIOBETA THALASSEMIA TRAIT: <= 65.0	MEAN CORPUSCULA	R HEMOGLOBIN CONC. (MCHC)	32.8	g/dL	32.0 - 36.0		
by CALCULATED BY AUTOMATED HÉMATOLOGY ANALYZERRED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER51fL35.0 - 56.0MENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: < 65. IRON DEFICIENCY ANEMIA: >65.WHITE BLOOD CELLS (WBCS)31.6RATIOBETA THALASSEMIA TRAIT: < 65. IRON DEFICIENCY ANEMIA: > 65.WHITE BLOOD CELLS (WBCS)8310/cmm4000 - 11000by FLOW CYTOMETRY BY SF CUBE & MICROSCOPYNIL0.00 - 20.00by AUTOMATED & PART HEMATOLOGY ANALYZERNIL%< 10 %	-		14.3	%	11 00 - 16 00		
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERMENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: <13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: <= 65 IRON DEFICIENCY ANEMIA: > 65.0WHITE BLOOD CELLS (WBCS)VVVTOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY8310/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED & PART HEMATOLOGY ANALYZERNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERNIL%<10 %	by CALCULATED BY A	UTOMATED HEMATOLOGY ANALYZER					
MENTZERS INDEX by CALCULATED22RATIOBETA THALASSEMIA TRAIT: < 13. IRON DEFICIENCY ANEMIA: >13.0GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT: <= 65 IRON DEFICIENCY ANEMIA: > 65.0WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC)8310/cmm4000 - 11000by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) %NIL0.00 - 20.00by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)NIL%<10 %			51	fL	35.0 - 56.0		
GREEN & KING INDEX by CALCULATED31.6RATIOBETA THALASSEMIA TRAIT:<= 65 IRON DEFICIENCY ANEMIA: > 65.WHITE BLOOD CELLS (WBCS)VVVTOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY8310/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZERNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERNIL%<10 %			22	RATIO	BETA THALASSEMIA TRAIT: < 13.0		
by CALCULATED IRON DEFICIENCY ANEMIA: > 65. WHITE BLOOD CELLS (WBCS) TOTAL LEUCOCYTE COUNT (TLC) 8310 /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 0.00 - 20.00 0.00 - 20.00 by AUTOMATED & PART HEMATOLOGY ANALYZER NIL % < 10 %			21 (DATIO	IRON DEFICIENCY ANEMIA: >13.0		
WHITE BLOOD CELLS (WBCS)TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY8310/cmm4000 - 11000NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZERNIL0.00 - 20.00NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZERNIL%<10 %		X	31.6	RATIO			
by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY NUCLEATED RED BLOOD CELLS (nRBCS) NIL Dy AUTOMATED 6 PART HEMATOLOGY ANALYZER NUCLEATED RED BLOOD CELLS (nRBCS) % NIL DIFFERENTIAL LEUCOCYTE COUNT (DLC)	WHITE BLOOD CELL	<u>S (WBCS)</u>					
NUCLEATED RED BLOOD CELLS (nRBCS) NIL 0.00 - 20.00 by AUTOMATED 6 PART HEMATOLOGY ANALYZER NIL % NUCLEATED RED BLOOD CELLS (nRBCS) % NIL % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZER % <10 %			8310	/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)	,		NII		0.00 - 20.00		
by CALCULATED BY AUTOMATED HEMATÓLOGY ANALYZER DIFFERENTIAL LEUCOCYTE COUNT (DLC)	by AUTOMATED 6 PA	RT HEMATOLOGY ANALYZER					
DIFFERENTIAL LEUCOCYTE COUNT (DLC)			NIL	%	< 10 %		
NEUTROPHILS 38 ^L % 50 - 70 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	NEUTROPHILS		38 ^L	%	50 - 70		



DR.VINAY CHOPRA CONSULTANT PATHOLOGIST

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

MBBS, MD (PATHOLOGY & MICROBIOLOGY)







Dr. Vinay Chopi MD (Pathology & Mic Chairman & Consulta		crobiology)	Dr. Yugam MD CEO & Consultant	(Pathology)	
NAME	: Mr. SURINDER KUMAR				
AGE/ GENDER	: 41 YRS/MALE	PA	TIENT ID	: 1614222	
COLLECTED BY	:	RE	G. NO./LAB NO.	: 012409150052	
REFERRED BY	:	RE	GISTRATION DATE	: 15/Sep/2024 07:17 PM	
BARCODE NO.	:01517028	CO	LLECTION DATE	: 15/Sep/2024 07:31PM	
CLIENT CODE.	: KOS DIAGNOSTIC LAB	RE	PORTING DATE	: 15/Sep/2024 07:38PM	
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AM	BALA CANTT			
Test Name		Value	Unit	Biological Reference interval	_
LYMPHOCYTES		52 ^H	%	20 - 40	
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY Y BY SF CUBE & MICROSCOPY	4	%	1 - 6	
MONOCYTES by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	6	%	2 - 12	
BASOPHILS		0	%	0 - 1	
ABSOLUTE LEUKOCY	Y BY SF CUBE & MICROSCOPY (TES (WBC) COUNT				
	PHIL COUNT y by sf cube & microscopy	3158	/cmm	2000 - 7500	
ABSOLUTE LYMPHO		4321	/cmm	800 - 4900	
ABSOLUTE EOSINOP		332	/cmm	40 - 440	
ABSOLUTE MONOCY		499	/cmm	80 - 880	
ABSOLUTE BASOPHI	L COUNT	0	/cmm	0 - 110	
	Y BY SF CUBE & MICROSCOPY HER PLATELET PREDICTIVE MARKEI	RS.			
PLATELET COUNT (P		212000	/cmm	150000 - 450000	
PLATELETCRIT (PCT)	FOCUSING, ELECTRICAL IMPEDENCE	0.28	%	0.10 - 0.36	
MEAN PLATELET VO		13 ^H	fL	6.50 - 12.0	
by HYDRO DYNAMIC PLATELET LARGE CEI	FOCUSING, ELECTRICAL IMPEDENCE	102000 ^H	/cmm	30000 - 90000	
by HYDRO DYNAMIC PLATELET LARGE CE	FOCUSING, ELECTRICAL IMPEDENCE	48 ^H	%	11.0 - 45.0	
by HYDRO DYNAMIC	FOCUSING, ELECTRICAL IMPEDENCE		%		
PLATELET DISTRIBU	FOCUSING, ELECTRICAL IMPEDENCE	16.2	70	15.0 - 17.0	
NOTE: TEST CONDU	JCTED ON EDTA WHOLE BLOOD				

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

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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com

 www.koshealthcare.com







	Dr. Vinay Chopr MD (Pathology & Mice Chairman & Consulta	robiology) ME	m Chopra D (Pathology) ht Pathologist
NAME	: Mr. SURINDER KUMAR		
AGE/ GENDER	: 41 YRS/MALE	PATIENT ID	: 1614222
COLLECTED BY	:	REG. NO./LAB NO.	: 012409150052
REFERRED BY	:	REGISTRATION DATE	: 15/Sep/2024 07:17 PM
BARCODE NO.	: 01517028	COLLECTION DATE	: 15/Sep/2024 07:31PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 15/Sep/2024 07:55PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, AMB	ALA CANTT	
Test Name		Value Unit	Biological Reference interval

IMMUNOPATHOLOGY/SEROLOGY

HEPATITIS C VIRUS (HCV) ANTIBODIES SCREENING

HEPATITIS C ANTIBODY (HCV) TOTAL RESULT NON - REACTIVE

by IMMUNOCHROMATOGRAPHY

INTERPRETATION:

1.Anti HCV total antibody assay identifies presence IgG antibodies in the serum. It is a useful screening test with a specificity of nearly 99%. 2.It becomes positive approximately 24 weeks after exposure. The test can not isolate an active ongoing HCV infection from an old infection that has been cleared. All positive results must be confirmed for active disease by an HCV PCR test.

FALSE NEGATIVE RESULTS SEEN IN: 1.Window period

2.Immunocompromised states.





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

 KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana

 KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt -133 001, Haryana

 0171-2643898, +91 99910 43898
 care@koshealthcare.com
 www.koshealthcare.com



Page 3 of 6





	sultant Pathologist CEO &	Consultant	Pathologist
: Mr. SURINDER KUMAR			
: 41 YRS/MALE	PATIENT ID		: 1614222
:	REG. NO./LAJ	3 NO.	: 012409150052
:	REGISTRATI	ON DATE	: 15/Sep/2024 07:17 PM
: 01517028	COLLECTION	DATE	: 15/Sep/2024 07:31PM
: KOS DIAGNOSTIC LAB	REPORTING	DATE	: 15/Sep/2024 07:55PM
: 6349/1, NICHOLSON ROAD,	AMBALA CANTT		
	Value	Unit	Biological Reference interval
ANTI HUMAN IMMUNODE	FICIENCY VIRUS (HIV) ANT	IBODIES H	IV (1 & 2) SCREENING
IGEN RESULT <i>GRAPHY</i>	NON - REACTIVE		
		bodies agair	nst both HIV-1 and HIV-2 viruses.
outine serologic screening of pa	atients at risk for HIV-1 or HIV-2	infection.	
I positive samples are cross che	ecked for positivity with two alt	ernate assay	is prior to reporting.
	: 41 YRS/MALE : : : 01517028 : KOS DIAGNOSTIC LAB : 6349/1, NICHOLSON ROAD, . ANTI HUMAN IMMUNODE IGEN RESULT <i>GRAPHY</i> least 2 known types of HIV virus immuno-chromatographic soli outine serologic screening of pa	: 41 YRS/MALE PATIENT ID : REG. NO./LAB : REGISTRATIC : 01517028 COLLECTION : KOS DIAGNOSTIC LAB REPORTING I : 6349/1, NICHOLSON ROAD, AMBALA CANTT Value ANTI HUMAN IMMUNODEFICIENCY VIRUS (HIV) ANT IGEN RESULT NON - REACTIVE GRAPHY least 2 known types of HIV viruses, HIV-1 and HIV HIV-2. immuno-chromatographic solid phase ELISA assay detects anti outine serologic screening of patients at risk for HIV-1 or HIV-2	: 41 YRS/MALE PATIENT ID : REG. NO./LAB NO. : REGISTRATION DATE : 01517028 COLLECTION DATE : KOS DIAGNOSTIC LAB REPORTING DATE : 6349/1, NICHOLSON ROAD, AMBALA CANTT CValue Unit Value Unit ANTI HUMAN IMMUNODEFICIENCY VIRUS (HIV) ANTIBODIES H IGEN RESULT GRAPHY

2.Antibodies against HIV-1 and HIV-2 are usually not detectable until 6 to 12 weeks following exposure (window period) and are almost always detectable by 12 months.

3. The test is not recommended for children born to HIV infected mothers till the child turns two years old (as HIV antibodies may be transmitted passively to the child trans-placentally).

FALSE NEGATIVE RESULT SEEN IN:

1. Window period

2.Severe immuno-suppression including advanced AIDS.





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

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







	Dr. Vinay Ch MD (Pathology & Chairman & Con		m Chopra D (Pathology) ht Pathologist
NAME	: Mr. SURINDER KUMAR		
AGE/ GENDER	: 41 YRS/MALE	PATIENT ID	: 1614222
COLLECTED BY	:	REG. NO./LAB NO.	: 012409150052
REFERRED BY	:	REGISTRATION DATE	: 15/Sep/2024 07:17 PM
BARCODE NO.	: 01517028	COLLECTION DATE	: 15/Sep/2024 07:31PM
CLIENT CODE.	: KOS DIAGNOSTIC LAB	REPORTING DATE	: 15/Sep/2024 07:55PM
CLIENT ADDRESS	: 6349/1, NICHOLSON ROAD, a	AMBALA CANTT	
Test Name		Value Unit	Biological Reference interval

HEPATITIS B SURFACE ANTIGEN (HBsAg) SCREENING

HEPATITIS B SURFACE ANTIGEN (HBsAg)

NON REACTIVE

RESULT by IMMUNOCHROMATOGRAPHY

INTERPRETATION:-

1.HBsAG is the first serological marker of HBV infection to appear in the blood (approximately 30-60 days after infection and prior to the onset of clinical disease). It is also the last viral protein to disappear from blood and usually disappears by three months after infection in self limiting acute Hepatitis B viral infection.

2.Persistence of HBsAg in blood for more than six months implies chronic infection. It is the most common marker used for diagnosis of an acute Hepatitis B infection but has very limited role in assessing patients suffering from chronic hepatitis.

FALSE NEGATIVE RESULT SEEN IN:

1.Window period.

2. Infection with HBsAg mutant strains

3.Hepatitis B Surface antigen (HBsAg) is the earliest indicator of HBV infection. Usually it appears in 27 - 41 days (as early as 14 days). 4.Appears 7 - 26 days before biochemical abnormalities. Peaks as ALT rises. Persists during the acute illness. Usually disappears 12- 20 weeks after the onset of symptoms / laboratory abnormalities in 90% of cases.

5.Is the most reliable serologic marker of HBV infection. Persistence > 6 months defines carrier state. May also be found in chronic infection. Hepatitis B vaccination does not cause a positive HBsAg. Titers are not of clinical value.

NOTE:-

1.All reactive HBsAG Should be reconfirmed with neutralization test(HBsAg confirmatory test).

2.Anti - HAV IgM appears at the same time as symptoms in > 99% of cases, peaks within the first month, becomes nondetectable in 12 months (usually 6 months). Presence confirms diagnosis of recent acute infection.





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.



			SNOSTIC La KOS Healthcar		A K CELLENCE IN HEALTHCARE	A DIAGNOSTICS
		Dr. Vinay Cl MD (Pathology Chairman & Col		ist C	Dr. Yugan MD EO & Consultant	(Pathology)
NAME AGE/ GENDER COLLECTED BY REFERRED BY BARCODE NO. CLIENT CODE. CLIENT ADDRESS	: 41 YRS/M : : : 01517028 : KOS DIAG		, AMBALA CANT	REGISTR COLLECT REPORT	F ID ./LAB NO. RATION DATE FION DATE ING DATE	: 1614222 : 012409150052 : 15/Sep/2024 07:17 PM : 15/Sep/2024 07:31PM : 15/Sep/2024 07:55PM
Test Name			Value		Unit	Biological Reference interval
VDRL by IMMUNOCHROMAT INTERPRETATION: 1.Does not become p 2.High titer (>1:16) - a 3.Low titer (>1:16) - a 3.Low titer (<1:8) - bi 4.Treatment of prima 5.Rising titer (4X) ind 6.May benonreactive 7.Reactive and weak SHORTTERM FALSE PO 1.Acute viral illnesses 2.M. pneumoniae; Ct 3.Some immunizatior 4.Pregnancy (rare) LONGTERM FALSE PO 1.Serious underlying 2.Intravenous drug u 3.Rheumatoid arthrit	ositive until 7 active disease ological falsej ary syphillis ca icates relapse in early prim by reactive tes OSITIVE TEST R alamydia; Mal as SITIVE TEST RI disease e.g., sers.	bositive test in 90% auses progressive of reinfection, or tre hary, late latent, ar ts should always bo RESULTS (<6 MONTH tis, measles, infection. ESULTS (>6 MONTH collagen vascular	A cases or due to a decline tonegative atment failure and late syphillis (e confirmedwith the confirmedwith the burkation) Mitious mononucle is burkation) Mitious mononucle diseases, leprosy	acre. Iate or late Ve VDRL wit nd need for approx. 259 FTA-ABS (fin IAY OCCURI Ecosis)	hin 2 years. retreatment. % ofcases). uorescent trepone N: N:	emal antibody absorptiontest).
4.<10 % of patients of 5.Patients taking som	der thanage 7	'0 years.	indi offic.			
		Ū.	*** End Of F	Report *	* *	
	¢			Quopra		





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

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

KOS Central Lab: 6349/1, Nicholson Road, Ambala Cantt -133 001, Haryana KOS Molecular Lab: IInd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana 0171-2643898, +91 99910 43898 | care@koshealthcare.com | www.koshealthcare.com

