



Dr. Vinay Cho MD (Pathology & Chairman & Cons	Microbiology)		Pathology)
NAME : Mrs. USHA			
AGE/ GENDER : 30 YRS/FEMALE		PATIENT ID	: 1593891
COLLECTED BY :		REG. NO./LAB NO.	: 012408280023
REFERRED BY :		REGISTRATION DATE	: 28/Aug/2024 09:13 AM
BARCODE NO. : 01515858		COLLECTION DATE	: 28/Aug/2024 09:19AM
CLIENT CODE.: KOS DIAGNOSTIC LABCLIENT ADDRESS: 6349/1, NICHOLSON ROAD, A	AMBALA CANT	REPORTING DATE T	: 28/Aug/2024 09:39AM
Test Name	Value	Unit	Biological Reference interval
	HAEI	MATOLOGY	
C	COMPLETE B	BLOOD COUNT (CBC)	
RED BLOOD CELLS (RBCS) COUNT AND INDICES			
HAEMOGLOBIN (HB) by CALORIMETRIC	9.9 ^L	gm/dL	12.0 - 16.0
RED BLOOD CELL (RBC) COUNT by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE	4.89	Millions/cr	nm 3.50 - 5.00
PACKED CELL VOLUME (PCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZI	34.6 ^L	%	37.0 - 50.0
MEAN CORPUSCULAR VOLUME (MCV) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZI	70.8 ^L	fL	80.0 - 100.0
MEAN CORPUSCULAR HAEMOGLOBIN (MCH) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZI	20.2 ^L	pg	27.0 - 34.0
MEAN CORPUSCULAR HEMOGLOBIN CONC. (MCHC) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZI	28.5 ^L	g/dL	32.0 - 36.0
RED CELL DISTRIBUTION WIDTH (RDW-CV)	17.6 ^H	%	11.00 - 16.00
by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZE RED CELL DISTRIBUTION WIDTH (RDW-SD) by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZE	46.6	fL	35.0 - 56.0
MENTZERS INDEX by CALCULATED	14.48	RATIO	BETA THALASSEMIA TRAIT: < 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INDEX by Calculated	25.43	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: > 65.0
WHITE BLOOD CELLS (WBCS)			
TOTAL LEUCOCYTE COUNT (TLC) by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	10730	/cmm	4000 - 11000
NUCLEATED RED BLOOD CELLS (nRBCS) by AUTOMATED 6 PART HEMATOLOGY ANALYZER	NIL		0.00 - 20.00
NUCLEATED RED BLOOD CELLS (nRBCS) % by CALCULATED BY AUTOMATED HEMATOLOGY ANALYZE DIFFERENTIAL LEUCOCYTE COUNT (DLC)	NIL R	%	< 10 %
NEUTROPHILS by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY	74 ^H	%	50 - 70





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: Ilnd Floor, Parry Hotel, Staff Road, Opp. GPO, Ambala Cantt - 133 001, Haryana

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

 www.koshealthcare.com
 www.koshealthcare.com



TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT







Dr. Yugam Chopra Dr. Vinay Chopra MD (Pathology & Microbiology) MD (Pathology) Chairman & Consultant Pathologist **CEO & Consultant Pathologist** NAME : Mrs. USHA AGE/ GENDER : 30 YRS/FEMALE **PATIENT ID** :1593891 **COLLECTED BY** :012408280023 REG. NO./LAB NO. **REFERRED BY REGISTRATION DATE** : 28/Aug/2024 09:13 AM **BARCODE NO.** :01515858 **COLLECTION DATE** : 28/Aug/2024 09:19AM CLIENT CODE. : KOS DIAGNOSTIC LAB **REPORTING DATE** : 28/Aug/2024 09:39AM **CLIENT ADDRESS** : 6349/1, NICHOLSON ROAD, AMBALA CANTT Test Name Value Unit **Biological Reference interval** LYMPHOCYTES 20 % 20 - 40 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY EOSINOPHILS % 1-6 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY 5 MONOCYTES % 2 - 12 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY BASOPHILS 0 % 0 - 1 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LEUKOCYTES (WBC) COUNT **ABSOLUTE NEUTROPHIL COUNT** /cmm 2000 - 7500 7940^H by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE LYMPHOCYTE COUNT 2146 /cmm 800 - 4900 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE EOSINOPHIL COUNT 107 40 - 440 /cmm by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE MONOCYTE COUNT 536 /cmm 80 - 880 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY ABSOLUTE BASOPHIL COUNT 0 /cmm 0 - 110 by FLOW CYTOMETRY BY SF CUBE & MICROSCOPY PLATELETS AND OTHER PLATELET PREDICTIVE MARKERS. PLATELET COUNT (PLT) 336000 /cmm 150000 - 450000 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELETCRIT (PCT) % 0.10 - 0.36 0.42^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE 12^H MEAN PLATELET VOLUME (MPV) fL 6.50 - 12.0 by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL COUNT (P-LCC) 30000 - 90000 155000^H /cmm by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET LARGE CELL RATIO (P-LCR) % 11.0 - 45.0 46^H by HYDRO DYNAMIC FOCUSING, ELECTRICAL IMPEDENCE PLATELET DISTRIBUTION WIDTH (PDW) 15.9 % 15.0 - 17.0 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)

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







	М	r. Vinay Chc D (Pathology & I nairman & Consu	Microbiology)		(Pathology)
NAME	: Mrs. USHA				
AGE/ GENDER	: 30 YRS/FEMAL	Æ		PATIENT ID	: 1593891
COLLECTED BY	:			REG. NO./LAB NO.	: 012408280023
REFERRED BY	:			REGISTRATION DATE	: 28/Aug/2024 09:13 AM
BARCODE NO.	:01515858			COLLECTION DATE	: 28/Aug/2024 09:19AM
CLIENT CODE.	: KOS DIAGNOS	FIC LAB		REPORTING DATE	: 28/Aug/2024 09:53AM
CLIENT ADDRESS	: 6349/1, NICHO	OLSON ROAD, A	MBALA CANTI		
Test Name			Value	Unit	Biological Reference interval
		EDVTU		MENTATION RATE (ES	D)
ERYTHROCYTE SEDIN by MODIFIED WESTER			6	mm/1st h	r 0-20
as C-reactive protein 3. This test may also b systemic lupus erythe CONDITION WITH LOV A low ESR can be seer polycythaemia), sign as sickle cells in sickle NOTE:	be used to monito ematosus N ESR n with conditions ificantly high whit e cell anaemia) al:	r disease activit that inhibit the r te blood cell cou so lower the ES e both markers	y and response normal sedime unt (leucocytos R. of inflammation	to therapy in both of the a ntation of red blood cells, si (s) , and some protein abno	bicallý used in conjunction with other test such bove diseases as well as some others, such as uch as a high red blood cell count rmalities. Some changes in red cell shape (such
2. Generally, ESR doe: 3. CRP is not affected 4. If the ESR is elevate 5. Women tend to hay	s not change as ra by as many other ed, it is typically a ve a higher ESR, ar ran, methyldopa,	factors as is ESR result of two ty nd menstruation oral contracepti	, making it a be pes of proteins and pregnancy	e start of inflammation or as tter marker of inflammatior , globulins or fibrinogen. , can cause temporary eleva ine procainamide, theophyl	h.



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

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



Page 3 of 4





		hology & Microbiology) n & Consultant Pathologis	M	Dr. Yugam Chopra MD (Pathology) EO & Consultant Pathologist		
		n a consultant rathologi.		ne rathologist		
AME GE/ GENDER	: Mrs. USHA : 30 YRS/FEMALE		PATIENT ID	: 1593891		
OLLECTED BY	. 50 TR5/ FEMALE		REG. NO./LAB NO.		099	
EFERRED BY	·	REG. NO./ LAB NO. REGISTRATION DA		: 012408280023 : 28/Aug/2024 09:13 AM		
BARCODE NO.	: 01515858	COLLECTION DATE		: 28/Aug/2024 09:19AM		
LIENT CODE.	: KOS DIAGNOSTIC LA			: 28/Aug/2024 10:38AM		
LIENT ADDRESS	: 6349/1, NICHOLSON	ON ROAD, AMBALA CANTT		U		
est Name		Value	Unit	Biolo	gical Reference interval	
			AMINS			
			YDROXY VITAMIN D3			
	OXY VITAMIN D3): SEF				CIENCY: < 20.0	
	ESCENCE IMMUNOASSAY		ng/mL		FFICIENCY: 20.0 - 30.0	
					ICIENCY: 30.0 - 100.0	
				τοχι	CITY: > 100.0	
<u>Nterpretation:</u> Defici	ENT:	< 20		ng/mL		
INSUFFI		21 - 29		ng/mL		
PREFFERED RANGE: INTOXICATION:		<u> </u>			g/mLg/mL	
ssue and tightly bour .Vitamin D plays a pr hosphate reabsorptic .Severe deficiency ma FECREASED: .Lack of sunshine exp .Inadeguate intake, r .Depressed Hepatic V .Secondary to advanc .Osteoporosis and Se .Enzyme Inducing dru VCREASED: . Hypervitaminosis D evere hypercalcemia AUTION : Replacemen ypervitaminosis D	nd by a transport prote imary role in the maint on, skeletal calcium dep ay lead to failure to mir osure. malabsorption (celiac di /itamin D 25- hydroxyla ced Liver disease condary Hyperparathro igs: anti-epileptic drugs is Rare, and is seen only and hyperphophatemia it therapy in deficient in <i>ndividuals as compare to</i>	in while in circulation. enance of calcium home position, calcium mobiliz heralize newly formed os isease) se activity pidism (Mild to Moderate like phenytoin, phenoba y after prolonged exposu dividuals must be monit	eostatis. It promotes calcin ation, mainly regulated by steoid in bone, resulting in e deficiency) arbital and carbamazepine ure to extremely high dose cored by periodic assessme	um absorption, ren. y parathyroid harm rickets in children e, that increases Vit es of Vitamin D. Wh ent of Vitamin D lev	and osteomalacia in adults. amin D metabolism. en it occurs, it can result in	
		*** End Of R	eport ***			
	an	-	Chopra			

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

V 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

51

Ľ7

Page 4 of 4