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

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

NAME	: Mrs. SHANTI DEVI				
AGE/ GENDER	: 67 YRS/FEMALE		PATIENT ID	: 131188	3
COLLECTED BY : REFERRED BY :			REG. NO./LAB NO.	: 12241	0310006
			REGISTRATION DATE	: 31/Oct	/2024 11:09 AM
BARCODE NO.	: 12505409		COLLECTION DATE	: 31/Oct	/2024 11:14AM
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INSTITU	ГЕ	REPORTING DATE	: 31/Oct/	/2024 12:58PM
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBAL	A CITY - H	IARYANA		
Test Name		Value	Unit		Biological Reference interval
		HAEN	IATOLOGY		
	СОМР		LOOD COUNT (CBC)		
RED BLOOD CELLS	S (RBCS) COUNT AND INDICES				
HAEMOGLOBIN (H	B)	10.2 ^L	gm/dL		12.0 - 16.0
RED BLOOD CELL (RBC) COUNT OCUSING, ELECTRICAL IMPEDENCE	3.57	Millions	/cmm	3.50 - 5.00
PACKED CELL VOLU	JME (PCV) utomated hematology analyzer	30 ^L	%		37.0 - 50.0
MEAN CORPUSCUL		84	KR fl		80.0 - 100.0
MEAN CORPUSCUL	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	28.7	pg		27.0 - 34.0
MEAN CORPUSCUL	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	34.1	g/dL		32.0 - 36.0
RED CELL DISTRIB	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	14.2	%		11.00 - 16.00
RED CELL DISTRIB	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	47.3	fL		35.0 - 56.0
MENTZERS INDEX by CALCULATED		23.53	RATIO		BETA THALASSEMIA TRAIT: 13.0 IRON DEFICIENCY ANEMIA: >13.0
GREEN & KING INE by CALCULATED	DEX	33.56	RATIO		BETA THALASSEMIA TRAIT:- 65.0 IRON DEFICIENCY ANEMIA: : 65.0
WHITE BLOOD CE	LLS (WBCS)				
TOTAL LEUCOCYTE	E COUNT (TLC) / by sf cube & microscopy	5710	/cmm		4000 - 11000
DIFFERENTIAL LE	<u>UCOCYTE COUNT (DLC)</u>				
NEUTROPHILS by FLOW CYTOMETRY	/ BY SF CUBE & MICROSCOPY	78 ^H	%		50 - 70

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DR.YUGAM CHOPRA CONSULTANT PATHOLOGIST



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Test Name		Value	Unit	Biological Reference interval	
LYMPHOCYTES	/ BY SF CUBE & MICROSCOPY	15 ^L	%	20 - 40	
EOSINOPHILS	/ BY SF CUBE & MICROSCOPY	OL	%	1 - 6	
MONOCYTES by FLOW CYTOMETRY	/ BY SF CUBE & MICROSCOPY	7	%	2 - 12	
BASOPHILS by FLOW CYTOMETRY	/ BY SF CUBE & MICROSCOPY	0	%	0 - 1	
ABSOLUTE LEUKO	CYTES (WBC) COUNT				
ABSOLUTE NEUTR	OPHIL COUNT / by sf cube & microscopy	4454	/cmm	2000 - 7500	
ABSOLUTE LYMPH	OCYTE COUNT / by sf cube & microscopy	856	KR /cmm	800 - 4900	
ABSOLUTE EOSINO	PHIL COUNT / by sf cube & microscopy	0 ^L	/cmm	40 - 440	
ABSOLUTE MONOC	YTE COUNT / by sf cube & microscopy	400	/cmm	80 - 880	
,	BY SF CUBE & MICROSCOPY	0	/cmm	0 - 110	
PLATELETS AND 0	THER PLATELET PREDICTIVE	<u>E MARKERS.</u>			
PLATELET COUNT by HYDRO DYNAMIC F	(PLT) OCUSING, ELECTRICAL IMPEDENCE	55000 ^L	/cmm	150000 - 450000	
PLATELETCRIT (PC by HYDRO DYNAMIC F	T) OCUSING, ELECTRICAL IMPEDENCE	0.09 ^L	%	0.10 - 0.36	
MEAN PLATELET V by hydro dynamic f	OLUME (MPV) ocusing, electrical impedence	16 ^H	fL	6.50 - 12.0	
by HYDRO DYNAMIC F	CELL COUNT (P-LCC)	39000	/cmm	30000 - 90000	
by HYDRO DYNAMIC F	CELL RATIO (P-LCR)	69.7 ^H	%	11.0 - 45.0	
by HYDRO DYNAMIC F	BUTION WIDTH (PDW) OCUSING, ELECTRICAL IMPEDENCE CTED ON EDTA WHOLE BLOOD	16.7	%	15.0 - 17.0	



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Test Name		Value	Unit	Biological Reference interval
	ERYTHRO	CYTE SED	IMENTATION RATE (1	ESR)
	DIMENTATION RATE (ESR) gation by capillary photometry	42 ^H	mm/1st	hr 0 - 20

1. ESR is a non-specific test because an elevated result often indicates the presence of inflammation associated with infection, cancer and auto-immune disease, but does not tell the health practitioner exactly where the inflammation is in the body or what is causing it.

2. An ESR can be affected by other conditions besides inflammation. For this reason, the ESR is typically used in conjunction with other test such as C-reactive protein

3. This test may also be used to monitor disease activity and response to therapy in both of the above diseases as well as some others, such as systemic lupus erythematosus

CONDITION WITH LOW ESR

A low ESR can be seen with conditions that inhibit the normal sedimentation of red blood cells, such as a high red blood cell count

(polycythaemia), significantly high white blood cell count (leucocytosis), and some protein abnormalities. Some changes in red cell shape (such as sickle cells in sickle cell anaemia) also lower the ESR.

NOTE:

1. ESR and C - reactive protein (C-RP) are both markers of inflammation.

2. Generally, ESR does not change as rapidly as does CRP, either at the start of inflammation or as it resolves.
3. CRP is not affected by as many other factors as is ESR, making it a better marker of inflammation.
4. If the ESR is elevated, it is typically a result of two types of proteins, globulins or fibrinogen.
5. Women tend to have a higher ESR, and menstruation and pregnancy can cause temporary elevations.
4. Drugs such as devicent matching and units of two types of proteins and units of the temporary elevations.

6. Drugs such as dextran, methyldopa, oral contraceptives, penicillamine procainamide, theophylline, and vitamin A can increase ESR, while aspirin, cortisone, and quinine may decrease it



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Test Name		Value	Unit	Biological Reference interva
	CLINI	CAL CHEMIS	STRY/BIOCHEMIST	'RY
		GLUCOSE	E RANDOM (R)	
GLUCOSE RANDON by GLUCOSE OXIDAS	I (R): PLASMA e - peroxidase (god-pod)	78.6	mg/dL	NORMAL: < 140.00 PREDIABETIC: 140.0 - 200.0 DIABETIC: > 0R = 200.0
INTERPRETATION				
IN ACCORDANCE WIT	H AMERICAN DIABETES ASSOCIA	TION GUIDELINES		
2 Δ random ducose	glucose level below 140 mg/dl level between 140 - 200 mg/dl	is considered as o	lucose intolerant or predial	betic. 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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Test Name		Value	Unit	Biological Reference interval
	LIVER 1	FUNCTIO	ON TEST (COMPLETE)	
BILIRUBIN TOTAL: SI by DIAZOTIZATION, SPEC		0.85	mg/dL	INFANT: 0.20 - 8.00 ADULT: 0.00 - 1.20
BILIRUBIN DIRECT (C	CONJUGATED): SERUM	0.16	mg/dL	0.00 - 0.40
BILIRUBIN INDIRECT	C (UNCONJUGATED): SERUM	0.69	mg/dL	0.10 - 1.00
SGOT/AST: SERUM by IFCC, WITHOUT PYRIL	DOXAL PHOSPHATE	20.79	U/L	7.00 - 45.00
SGPT/ALT: SERUM by IFCC, WITHOUT PYRIL	DOXAL PHOSPHATE	13.23	U/L	0.00 - 49.00
AST/ALT RATIO: SER by CALCULATED, SPECT		1.57	RATIO	0.00 - 46.00
ALKALINE PHOSPHA by PARA NITROPHENYL PROPANOL	TASE: SERUM PHOSPHATASE BY AMINO METHYL	66.14	U/L	40.0 - 130.0
GAMMA GLUTAMYL T by SZASZ, SPECTROPHT	TRANSFERASE (GGT): SERUM	19.66	U/L	0.00 - 55.0
TOTAL PROTEINS: SE by BIURET, SPECTROPH		6.67	gm/dL	6.20 - 8.00
ALBUMIN: SERUM by BROMOCRESOL GREAT	EN	4.37	gm/dL	3.50 - 5.50
GLOBULIN: SERUM		2.3	gm/dL	2.30 - 3.50

by CALCULATED, SPECTROPHOTOMETRY INTERPRETATION

A : G RATIO: SERUM

by CALCULATED, SPECTROPHOTOMETRY

NOTE:- To be correlated in individuals having SGOT and SGPT values higher than Normal Referance Range. USE: - Differential diagnosis of diseases of hepatobiliary system and pancreas.

INCREASED:

DRUG HEPATOTOXICITY	> 2
ALCOHOLIC HEPATITIS	> 2 (Highly Suggestive)
CIRRHOSIS	1.4 - 2.0
INTRAHEPATIC CHOLESTATIS	> 1.5
HEPATOCELLULAR CARCINOMA & CHRONIC HEPATITIS	> 1.3 (Slightly Increased)

1.9





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RATIO

1.00 - 2.00





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DECREASED:

1. Acute Hepatitis due to virus, drugs, toxins (with AST increased 3 to 10 times upper limit of normal)

2. Extra Hepatic cholestatis: 0.8 (normal or slightly decreased).

NORMAL	< 0.65
GOOD PROGNOSTIC SIGN	0.3 - 0.6
POOR PROGNOSTIC SIGN	1.2 - 1.6



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Test Name		Value	Unit	Biological Reference interval	
		URE	4		
UREA: SERUM by UREASE - GLUTAM	ATE DEHYDROGENASE (GLDH)	46.52	mg/dL	10.00 - 50.00	



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Test Name		Value	Unit	Biological Reference interva
		CLINICAL PATHO	LOGY	
	URINE RO	UTINE & MICROSCO	PIC EXAMINA	ATION
PHYSICAL EXAMIN	NATION			
QUANTITY RECIEV by DIP STICK/REFLEC	ED TANCE SPECTROPHOTOMETRY	30	ml	
COLOUR by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	PALE YELLOW		PALE YELLOW
TRANSPARANCY	TANCE SPECTROPHOTOMETRY	HAZY		CLEAR
SPECIFIC GRAVITY		1.02 PKR		1.002 - 1.030
by DIP STICK/REFLEC CHEMICAL EXAMI	TANCE SPECTROPHOTOMETRY			
REACTION	TANCE SPECTROPHOTOMETRY	ACIDIC		
PROTEIN	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
SUGAR	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
pH	TANCE SPECTROPHOTOMETRY	6		5.0 - 7.5
BILIRUBIN	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
NITRITE	TANCE SPECTROPHOTOMETRY.	NEGATIVE (-ve)		NEGATIVE (-ve)
UROBILINOGEN	TANCE SPECTROPHOTOMETRY	NOT DETECTED	EU/dL	0.2 - 1.0
KETONE BODIES by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
BLOOD by DIP STICK/REFLEC	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
ASCORBIC ACID by DIP STICK/REFLEC MICROSCOPIC EXA	TANCE SPECTROPHOTOMETRY	NEGATIVE (-ve)		NEGATIVE (-ve)
	(RBCs)	NEGATIVE (-ve)	/HPF	0 - 3



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NOT VALID FOR MEDICO LEGAL PURPOSE

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		

			0
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
PUS CELLS	4-5	/HPF	0 - 5
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
EPITHELIAL CELLS	2-4	/HPF	ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
CRYSTALS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
CASTS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
BACTERIA	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
OTHERS	NEGATIVE (-ve)		NEGATIVE (-ve)
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			
TRICHOMONAS VAGINALIS (PROTOZOA)	ABSENT		ABSENT
by MICROSCOPY ON CENTRIFUGED URINARY SEDIMENT			

*** End Of Report



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