A PIONEER DIAGNOSTIC CENTRE

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

NAME	: Mr. KARAM SINGH				
AGE/ GENDER	: 72 YRS/MALE		PATIENT ID	: 1387281	
COLLECTED BY	:		REG. NO./LAB NO.	: 122503100001	
REFERRED BY	:		REGISTRATION DATE	: 10/Mar/2025 08:09 AM	
BARCODE NO.	: 12507425		COLLECTION DATE	: 10/Mar/2025 08:23AM	
CLIENT CODE.	: P.K.R JAIN HEALTHCARE INSTITU	TE	REPORTING DATE	: 10/Mar/2025 01:25PM	
CLIENT ADDRESS	: NASIRPUR, HISSAR ROAD, AMBAL	LA CITY - HARYANA			
Test Name		Value	Unit	Biological Reference interval	
		HAEN	MATOLOGY		
	СОМР	LETE B	LOOD COUNT (CBC)		
RED BLOOD CELLS	(RBCS) COUNT AND INDICES				
HAEMOGLOBIN (H	B)	13.8	gm/dL	12.0 - 17.0	
RED BLOOD CELL (RBC) COUNT	5.35 ^H	Millions/	cmm 3.50 - 5.00	
PACKED CELL VOLU	JME (PCV) utomated hematology analyzer	41.4	%	40.0 - 54.0	
MEAN CORPUSCUL	AR VOLUME (MCV) utomated hematology analyzer	77.5 ^L		80.0 - 100.0	
	AR HAEMOGLOBIN (MCH) UTOMATED HEMATOLOGY ANALYZER	25.7 ^L	pg	27.0 - 34.0	
	AR HEMOGLOBIN CONC. (MCHC) UTOMATED HEMATOLOGY ANALYZER	33.2	g/dL	32.0 - 36.0	
RED CELL DISTRIB	UTION WIDTH (RDW-CV) UTOMATED HEMATOLOGY ANALYZER	15.9	%	11.00 - 16.00	
	UTION WIDTH (RDW-SD) UTOMATED HEMATOLOGY ANALYZER	46.2	fL	35.0 - 56.0	
MENTZERS INDEX by CALCULATED		14.49	RATIO	BETA THALASSEMIA TRAIT: < 13.0	
				IRON DEFICIENCY ANEMIA: >13.0	
GREEN & KING IND by CALCULATED	DEX	22.95	RATIO	BETA THALASSEMIA TRAIT:<= 65.0 IRON DEFICIENCY ANEMIA: >	
WHITE BLOOD CE	LLS (WBCS)			65.0	
,	E COUNT (TLC) / by sf cube & microscopy UCOCYTE COUNT (DLC)	8250	/cmm	4000 - 11000	
NEUTROPHILS	UCULIE CUUNI (DLC)	57	%	50 - 70	
	Y BY SF CUBE & MICROSCOPY	57	70	30 - 70	
LYMPHOCYTES		30	%	20 - 40	
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TEST PERFORMED AT KOS DIAGNOSTIC LAB, AMBALA CANTT

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NOT VALID FOR MEDICO LEGAL PURPOSE



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Test Name		Value	Unit	Biological Reference interval
by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY			
EOSINOPHILS	Y BY SF CUBE & MICROSCOPY	5	%	1 - 6
MONOCYTES		8	%	2 - 12
	Y BY SF CUBE & MICROSCOPY			
BASOPHILS	Y BY SF CUBE & MICROSCOPY	0	%	0 - 1
•	CYTES (WBC) COUNT			
ABSOLUTE NEUTR		4703	/cmm	2000 - 7500
by FLOW CYTOMETR	Y BY SF CUBE & MICROSCOPY	o um r I	/cmm	800 - 4900
	Y BY SF CUBE & MICROSCOPY	2475 ^L		800 - 4900
ABSOLUTE EOSING	OPHIL COUNT Y by sf cube & microscopy	412	/cmm	40 - 440
ABSOLUTE MONOC	CYTE COUNT Y by sf cube & microscopy	660	/cmm	80 - 880
ABSOLUTE BASOP	HIL COUNT y by sf cube & microscopy	0	/cmm	0 - 110
	OTHER PLATELET PREDICTIVE	MARKERS.		
PLATELET COUNT	(PLT) FOCUSING, ELECTRICAL IMPEDENCE	204000	/cmm	150000 - 450000
PLATELETCRIT (PC	CT)	0.17	%	0.10 - 0.36
by HYDRO DYNAMIC F MEAN PLATELET V	FOCUSING, ELECTRICAL IMPEDENCE	8	fL	6.50 - 12.0
	FOCUSING, ELECTRICAL IMPEDENCE	0	IL	0.30 - 12.0
	CELL COUNT (P-LCC) FOCUSING, ELECTRICAL IMPEDENCE	34000	/cmm	30000 - 90000
PLATELET LARGE	CELL RATIO (P-LCR) FOCUSING, ELECTRICAL IMPEDENCE	16.8	%	11.0 - 45.0
	BUTION WIDTH (PDW) FOCUSING, ELECTRICAL IMPEDENCE	15.7	%	15.0 - 17.0
NOTE: TEST CONDU	JCTED ON EDTA WHOLE BLOOD			



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Test Name	Ţ	/alue Unit	Biological Reference interval
	ERYTHROCYT	TE SEDIMENTATION RATE	E (ESR)
	DIMENTATION RATE (ESR) gation by capillary photometry	23^H mm/1	st hr 0 - 20
INTERPRETATION:			
1. ESR is a non-specif	ic test because an elevated result often does not tell the health practitioner exa	indicates the presence of inflamm	nation associated with infection, cancer and auto
2 An FSR can be affe	cted by other conditions besides inflam	mation For this reason the FSR is	typically used in conjunction with other test suc
as C-reactive protein	orea by other contaitions bosides initiality		spisally used in conjunction with other test suc
3. This test may also		response to therapy in both of th	e above diseases as well as some others, such as
systemic lupus erythe	ematosus		

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:

LER and C - reactive protein (C-RP) are both markers of inflammation.
Generally, ESR does not change as rapidly as does CRP, either at the start of inflammation or as it resolves.
CRP is not affected by as many other factors as is ESR, making it a better marker of inflammation.
If the ESR is elevated, it is typically a result of two types of proteins, globulins or fibrinogen.
Women tend to have a higher ESR, and menstruation and pregnancy can cause temporary elevations.
Drugs such as dovtram, motbuling, and within the start of the s

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	
		AL CHEMISTRY DNEY FUNCTION	/BIOCHEMISTR TEST (BASIC)	Y	
UREA: SERUM			TEST (BASIC)	Y 10.00 - 50.00	
by UREASE - GLUTAM	KII ATE DEHYDROGENASE (GLDH)	DNEY FUNCTION 47.59	TEST (BASIC) mg/dL	10.00 - 50.00	
CREATININE: SERU	KII TATE DEHYDROGENASE (GLDH) JM	DNEY FUNCTION	TEST (BASIC)		
by UREASE - GLUTAM CREATININE: SERU by ENZYMATIC, SPEC BLOOD UREA NITR	KII TATE DEHYDROGENASE (GLDH) JM	DNEY FUNCTION 47.59	TEST (BASIC) mg/dL	10.00 - 50.00	
by UREASE - GLUTAM CREATININE: SERU by ENZYMATIC, SPEC BLOOD UREA NITR by CALCULATED, SPE BLOOD UREA NITR	KII ATE DEHYDROGENASE (GLDH) JM TROPHOTOMETERY OGEN (BUN): SERUM	DNEY FUNCTION 47.59 1.44^H	TEST (BASIC) mg/dL mg/dL	10.00 - 50.00 0.40 - 1.40	
by UREASE - GLUTAM CREATININE: SERU by ENZYMATIC, SPEC BLOOD UREA NITR by CALCULATED, SPE BLOOD UREA NITR RATIO: SERUM	KII ATE DEHYDROGENASE (GLDH) JM TROPHOTOMETERY OGEN (BUN): SERUM CTROPHOTOMETERY	DNEY FUNCTION 47.59 1.44^H 22.24	TEST (BASIC) mg/dL mg/dL mg/dL	10.00 - 50.00 0.40 - 1.40 7.0 - 25.0	
by UREASE - GLUTAM CREATININE: SERU by ENZYMATIC, SPEC BLOOD UREA NITR by CALCULATED, SPE BLOOD UREA NITR RATIO: SERUM by CALCULATED, SPE UREA/CREATININ	KII ATE DEHYDROGENASE (GLDH) JM TROPHOTOMETERY OGEN (BUN): SERUM COGEN (BUN)/CREATININE COGEN (BUN)/CREATININE CTROPHOTOMETERY E RATIO: SERUM	DNEY FUNCTION 47.59 1.44^H 22.24	TEST (BASIC) mg/dL mg/dL mg/dL	10.00 - 50.00 0.40 - 1.40 7.0 - 25.0	
by UREASE - GLUTAM CREATININE: SERU by ENZYMATIC, SPEC BLOOD UREA NITR by CALCULATED, SPE BLOOD UREA NITR RATIO: SERUM by CALCULATED, SPE UREA/CREATININ	KII ATE DEHYDROGENASE (GLDH) JM TROPHOTOMETERY OGEN (BUN): SERUM CTROPHOTOMETERY OGEN (BUN)/CREATININE CTROPHOTOMETERY E RATIO: SERUM CTROPHOTOMETERY	DNEY FUNCTION 47.59 1.44^H 22.24 15.44	TEST (BASIC) mg/dL mg/dL mg/dL RATIO	10.00 - 50.00 0.40 - 1.40 7.0 - 25.0	



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Test Name	Value	Unit	Biological Reference interval
1.Prerenal azotemia (B glomerular filtration ra 2.Catabolic states with 3.Gl hemorrhage. 4.High protein intake. 5.Impaired renal functi 6.Excess protein intake burns, surgery, cachexia 7.Urine reabsorption (e 8.Reduced muscle mas 9.Certain drugs (e.g. tel INCREASED RATIO (>20: 1.Postrenal azotemia su DECREASED RATIO (>20: 1.Acute tubular necros 2.Low protein diet and 3.Severe liver disease. 4.Other causes of decruf 5.Repeated dialysis (ur 6.Inherited hyperammo 7.SIADH (syndrome of i 8.Preenancy.	increased tissue breakdown. or production or tissue breakdown (e.g. int a, high fever). e.g. ureterocolostomy) is (subnormal creatinine production) tracycline, glucocorticoids) :1) WITH ELEVATED CREATININE LEVELS: BUN rises disproportionately more than cre perimposed on renal disease. :1) WITH DECREASED BUN : is. starvation.	ection, GI bleeding, thyrotoxico atinine) (e.g. obstructive uropat tracellular fluid).	sis, Cushings syndrome, high protein diet,





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