

DN-6861



NAME : Mrs. SHEEJA [42 Y/F]

REGISTRATION DATE : 02-Dec-2019 12:35 pm

REF BY : Dr. SUKUMARA PILLAI

SAMPLE COLLECTED ON : 02-Dec-2019 12:38 PM

LAB NO : DN-20-5168

REPORT PRINTED ON : 02-Dec-2019 2:07 pm

TESTNAME	VALUE	UNIT	REFERENCE RANGE	METHOD
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HAEMATOLOGY

CBC- ESR (COMPLETE BLOOD COUNT)-5 PART CELL COUNTER, EDTA BLOOD

TOTAL WBC COUNT	6,790	cells/cumm	4000 to 10500	Impedance method
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Differential Count

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NEUTROPHILS	55.1	%	40% to 70%	Flow cytometry
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Technology Used : Mindray 5 Part Haematology Analyser

LYMPHOCYTES	29.6	%	20% to 40%	Flow cytometry
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EOSINOPHILS	7.6	%	4% to 7%	Flow cytometry
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MONOCYTES	6.9	%	1% to 10%	Flow cytometry
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BASOPHILS	0.8	%	0% to 1%	Impedance method
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Technology Used : ULTIMA 5

HAEMOGLOBIN (HB)	12.3	gm/dL	12.5 TO 16.0	Colorimetric
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Technology Used : ADVIA 560

PCV	38.0	%	37 to 47%	Calculated
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PLATELET COUNT	1,87,000	/cumm	New Born 84,000 to 478000/cumm after 1 week same as adult Adult 1.5 - 4.5 lakh/cumm	Colorimetric
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Technology Used : ADVIA 560

RBC	4.98	mill/cumm	4.5 - 5.9mill/cumm	Impedance method
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MCV	76.4	fl	71 - 99.74 fl	Calculated
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MCH	24.7	pg	27.0 - 34.0 pg	Calculated
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MCHC	32.4	%	31.5 - 36 %	Calculated
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RDW	16.0	%	10.56 - 14.8 %	Calculated
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RDW is particularly helpful in separating iron deficiency anemia from thalassemia trait. Increased RDW is also useful in identifying red cell fragmentation, agglutination or dimorphic cell populations. Very high WBC, numerous large platelets, and auto agglutination result in falsely elevated RDW.

Technology Used : ULTIMA 5

Dr.A.GOWRI,DCP
(Pathologist)

Dr.M.SUSHAMA,MD,DNB
(Pathologist)

Lab In-Charge

FREEDA RUTH A
(MSC.Microbiologist)

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TESTNAME	VALUE	UNIT	REFERENCE RANGE	METHOD
ESR <i>Technology Used : MANUAL METHOD</i> Technology Used : ADVIA 560	10	mm/hr	0 - 20 mm/hr	Modified Westergrens

Report Status : Final

Note: Results to be interpreted in conjunction with medical history, clinical presentation & other findings.

----- END OF REPORT -----

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