



BML451724

Laboratory Investigation Report

Name	: Ms. SELEMAWIT DIRES	Ref No.	: 43818
DOB	: 20/12/1999	Sample No.	: 2408461741
Age / Gender	: 24 Y 7 M / Female	Collected	: 12/08/2024 21:00
Referred by	: DR ENOMEN	Registered	: 13/08/2024 13:04
Centre	: CITICARE MEDICAL CENTER	Reported	: 13/08/2024 19:59

CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
COLOR	Yellow			Pale to Dark Yellow	Photometry
APPEARANCE	Turbid			-	Turbidimetry
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.027			1.002 - 1.035	Refractometry
PH	8.0			5 - 9	Litmus paper
GLUCOSE	Negative			Negative	GOD / POD
BLOOD	Negative			Negative	Peroxidase
PROTEIN	+			Negative	Protein error of pH indicator
LEUKOCYTE ESTERASE	+			Negative	Esterase
UROBILINOGEN	Negative			Negative	Diazonium Salt
BILIRUBIN	Negative			Negative	Diazonium Salt
KETONE	Negative			Negative	Legal's test
NITRITE	Negative			Negative	Griess test
MICROSCOPIC EXAMINATION					
LEUCOCYTES	1-4		/HPF	1 - 4	Automated Microscopy
ERYTHROCYTES	0-2		/HPF	0 - 2	Automated Microscopy
SQUAMOUS EPITHELIAL CELLS	0-1		/HPF	< 20	Automated Microscopy
NON-SQUAMOUS EPITHELIAL CELLS	-		/HPF	Variable	Automated Microscopy
BACTERIA	-		/HPF	Absent	Automated Microscopy
CASTS	-		/HPF	Absent	Automated Microscopy
HYALINE CAST	-		/HPF	Absent	Automated Microscopy
FINE GRANULAR CAST	-		/HPF	Absent	Automated Microscopy
COARSE GRANULAR CAST	-		/HPF	Absent	Automated Microscopy
WAXY CAST	-		/HPF	Absent	Automated Microscopy
FATTY CAST	-		/HPF	Absent	Automated Microscopy
RBC CAST	-		/HPF	Absent	Automated Microscopy
WBC CAST	-		/HPF	Absent	Automated Microscopy
BACTERIAL CAST	-		/HPF	Absent	Automated Microscopy
EPITHELIAL CAST	-		/HPF	Absent	Automated Microscopy
CRYSTALS	Present		/HPF	Absent	Automated Microscopy

Dr. Adley Mark Fernandes
M.D (Pathology)
Pathologist

Dr. Vyoma V Shah
M.D (Pathology)
Clinical Pathologist

Christeena

CHRISTEENA FRANCIS
Laboratory Technologist

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CALCIUM OXALATE	-		/HPF	Absent	Automated Microscopy
CALCIUM CARBONATE	-		/HPF	Absent	Automated Microscopy
CALCIUM PHOSPHATE	-		/HPF	Absent	Automated Microscopy
TRIPLE PHOSPHATE	-		/HPF	Absent	Automated Microscopy
URIC ACID CRYSTAL	-		/HPF	Absent	Automated Microscopy
AMMONIUM BIURATE	Present		/HPF	Absent	Automated Microscopy
AMORPHOUS URATES	-		/HPF	Absent	Automated Microscopy
AMORPHOUS PHOSPHATES	-		/HPF	Absent	Automated Microscopy
CYSTINE	-		/HPF	Absent	Automated Microscopy
LEUCINE	-		/HPF	Absent	Automated Microscopy
TYROSINE	-		/HPF	Absent	Automated Microscopy
DRUG CRYSTAL	-		/HPF	Absent	Automated Microscopy
MUCUS THREADS	-		/HPF	Absent	Automated Microscopy
BUDDING YEAST CELLS	-		/HPF	Absent	Automated Microscopy
HYPHAE	-		/HPF	Absent	Automated Microscopy
OVA	-		/HPF	Absent	Automated Microscopy
CYST	-		/HPF	Absent	Automated Microscopy
PARASITE	-		/HPF	Absent	Automated Microscopy
ARTIFACTS	-		/HPF	Absent	Automated Microscopy

Comments : Please correlate clinically.

INTERPRETATION NOTES :

Please note change in method (Roche Cobas U6500).

Note: "-" means Absent

Sample Type : URINE

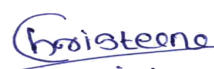
End of Report

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	11.5	L	g/dL	12 - 15.5	Photometric
RBC COUNT	3.8	L	10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	33.3	L	%	35 - 45	Calculation
MCV	87.4		fL	82 - 98	Calculation
MCH	30.2		pg	27 - 32	Calculation
MCHC	34.6		g/dL	32 - 37	Calculation
RDW	12.5		%	11.9 - 15.5	Calculation
RDW-SD	38.1		fL		Calculation
MPV	10		fL	7.6 - 10.8	Calculation
PLATELET COUNT	190		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	17.5		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT^	0.01		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	0.0		%		VCS 360 Technology
ABSOLUTE EGC^	0.0		10 ³ /uL		Calculation
WBC COUNT	7.2		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	60		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	34		%	30 - 60	VCS 360 Technology
EOSINOPHILS	1		%	0 - 6	VCS 360 Technology
MONOCYTES	5		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.2		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.4		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.3		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.1		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.1		10 ³ /uL	0 - 0.11	Calculation

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MOHAMMED RASHID CHENANGADATH
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HEMATOLOGY

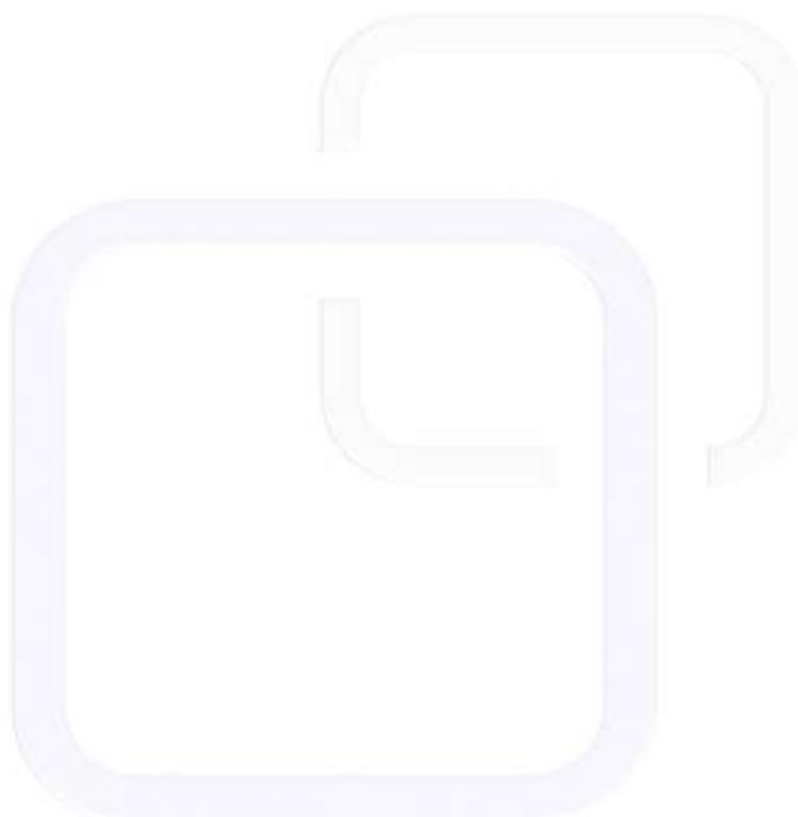
Test	Result	Flag	Unit	Reference Range	Methodology
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COMPLETE BLOOD COUNT (CBC)

INTERPRETATION NOTES : Please note update on CBC report format, reference ranges and method(Beckman Coulter).

Sample Type : EDTA Whole Blood

End of Report



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