

BML480840

Laboratory Investigation Report

Name : Mr. DAVID NIIARYEE ARMAAH
DOB : 18/05/1997
Age / Gender : 27 Y / Male
Referred by : DR.ENOMEN
Centre : CITICARE MEDICAL CENTER

Ref No. : 44623
Sample No. : 2410491458
Collected : 22/10/2024 21:00
Registered : 23/10/2024 14:55
Reported : 23/10/2024 16:59

CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
COLOR	Reddish			Pale to Dark Yellow	Photometry
APPEARANCE	Slightly Turbid			-	Turbidimetry
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.009			1.002 - 1.035	Refractometry
PH	6.0			5 - 9	Litmus paper
GLUCOSE	Negative			Negative	GOD / POD
BLOOD	++++			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	>100	H	/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	-		/HPF	Absent	Automated Microscopy


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

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


CHRISTEENA FRANCIS
Laboratory Technologist

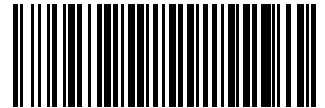
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CALCIUM OXALATE	-		/HPF	Absent	Automated Microscopy
CALCIUM CARBONATE	-		/HPF	Absent	Automated Microscopy
CALCIUM PHOSPHATE	-		/HPF	Absent	Automated Microscopy
TRIPLE PHOSPHATE	-		/HPF	Absent	Automated Microscopy
URIC ACID CRYSTAL	-		/HPF	Absent	Automated Microscopy
AMMONIUM BIURATE	-		/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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Pathologist

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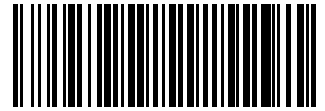
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CHRISTEENA FRANCIS
Laboratory Technologist

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	11.0	L	g/dL	13.5 - 17.5	Photometric
RBC COUNT	3.1	L	10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	31.5	L	%	38 - 50	Calculation
MCV	100.1	H	fL	82 - 98	Calculation
MCH	34.8	H	pg	27 - 32	Calculation
MCHC	34.8		g/dL	32 - 37	Calculation
RDW	20.4	H	%	11.8 - 15.6	Calculation
RDW-SD	70.9		fL		Calculation
MPV	8.5		fL	7.6 - 10.8	Calculation
PLATELET COUNT	259		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.6		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	1.7		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT [^]	0.17		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	1.4		%		VCS 360 Technology
ABSOLUTE EGC [^]	0.1		10 ³ /uL		Calculation
WBC COUNT	10.2		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	55		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	38		%	20 - 45	VCS 360 Technology
EOSINOPHILS	2		%	0 - 6	VCS 360 Technology
MONOCYTES	5		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	5.6		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	3.9		10 ³ /uL	0.8 - 4.95	Calculation
ABSOLUTE MONOCYTE COUNT	0.5		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.2		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

Comments : Please correlate clinically.

Vyoma V. Shah

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Pathologist

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

Thahsina Anees

Thahsina Anees
Laboratory Technologist

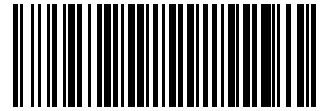
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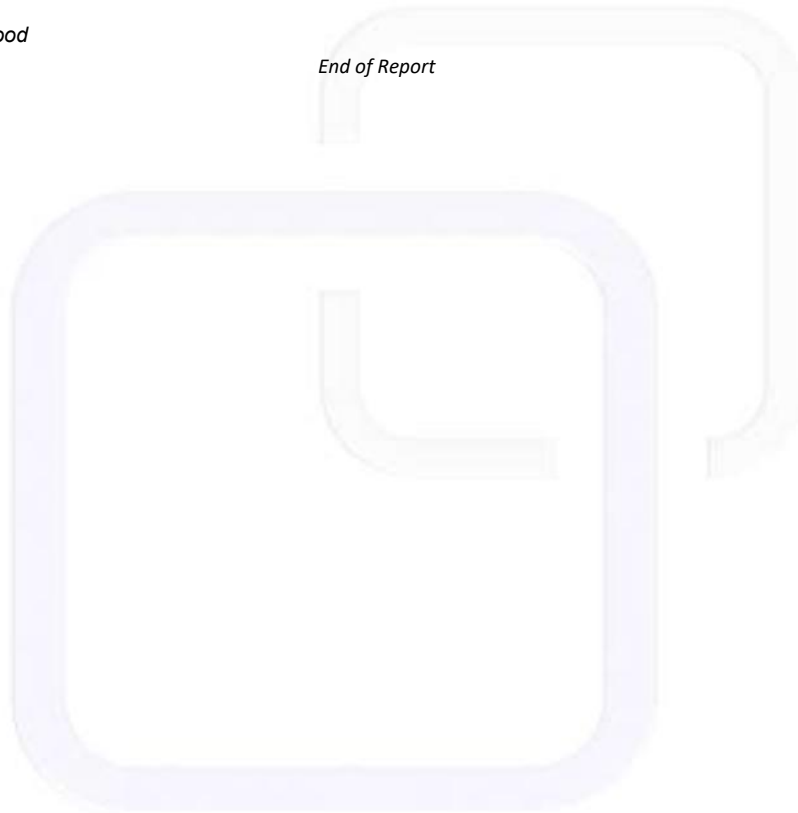
Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					

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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Pathologist

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Vyoma V. Shah
Dr. Vyoma V Shah
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