

BML443694

Laboratory Investigation Report

Name : Ms. NURZAT BECHELOVA
DOB : 06/06/1999
Age / Gender : 25 Y / Female
Referred by : Dr. Enomen Goodluck Ekata
Centre : CITICARE MEDICAL CENTER

Ref No. : 43657
Sample No. : 2407453515
Collected : 24/07/2024 23:30
Registered : 25/07/2024 13:37
Reported : 25/07/2024 16:57

CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
MACROSCOPIC EXAMINATION					
COLOR	YELLOW			Pale to Dark Yellow	Visual
APPEARANCE	TURBID			-	Visual
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.015			1.002 - 1.035	Bromothymol blue
PH	6.0			4.5 - 8.0	Litmus paper
GLUCOSE	NEGATIVE			Negative	GOD / POD
BLOOD	TRACE			Negative	Peroxidase
PROTEIN	NEGATIVE			Negative	Protein error of pH indicator
LEUKOCYTE ESTERASE	+			Negative	Esterase
UROBILINOGEN	0.2		E.U./dL	0.2 - 1.0	Diazo
BILIRUBIN	NEGATIVE			Negative	Diazo
KETONE	+++			Negative	Legal's test
NITRITE	NEGATIVE			Negative	Griess test
MICROSCOPIC EXAMINATION					
LEUCOCYTES	11 - 12	H	/HPF	1 - 4	Microscopy
ERYTHROCYTES	1 - 2		/HPF	0 - 2	Microscopy
EPITHELIAL CELLS	6 - 8		/HPF	Variable	Microscopy
BACTERIA	Present		/HPF	Absent	Microscopy
CASTS	-		/HPF	Absent	Microscopy
HYALINE CAST	-		/HPF	Absent	Microscopy
FINE GRANULAR CAST	-		/HPF	Absent	Microscopy
COARSE GRANULAR CAST	-		/HPF	Absent	Microscopy
WAXY CAST	-		/HPF	Absent	Microscopy
FATTY CAST	-		/HPF	Absent	Microscopy
RBC CAST	-		/HPF	Absent	Microscopy
WBC CAST	-		/HPF	Absent	Microscopy
BACTERIAL CAST	-		/HPF	Absent	Microscopy
EPITHELIAL CAST	-		/HPF	Absent	Microscopy
CRYSTALS	-		/HPF	Absent	Microscopy

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

Dr. Vyoma V Shah
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Clinical Pathologist

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CHRISTEENA FRANCIS
 Laboratory Technologist
 Printed on: 25/07/2024 16:59

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CLINICAL PATHOLOGY

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

Comments : Please correlate clinically.

INTERPRETATION NOTES :

Instrumentation used for Chemistry test: Siemens Clinitek Advantus.

Note: "-" means Absent

Sample Type : URINE

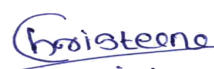
End of Report

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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	14.8		g/dL	12 - 15.5	Spectrophotometry (Oxyhemoglobin)
RBC COUNT	4.8		10 ⁶ /μL	3.9 - 5	Electrical Impedance
HEMATOCRIT	43.2		%	35 - 45	Calculation
MCV	90.3		fL	82 - 98	Calculation
MCH	30.9		pg	27 - 32	Calculation
MCHC	34.3		g/dL	32 - 37	Calculation
RDW	13.1		%	11.9 - 15.5	Calculation
RDW-SD	40.7		fL		Calculation
MPV	7.9		fL	7.6 - 10.8	Calculation
PLATELET COUNT	252		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	16.1		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.2		/100 WBC		Flow Cytometry
ABSOLUTE NRBC COUNT [^]	0.02		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.1		%		Flow Cytometry
ABSOLUTE EGC [^]	0.0		10 ³ /uL		Calculation
WBC COUNT	8.1		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	67		%	40 - 75	Flow Cytometry
LYMPHOCYTES	27	L	%	30 - 60	Flow Cytometry
EOSINOPHILS	1		%	0 - 6	Flow Cytometry
MONOCYTES	5		%	1 - 6	Flow Cytometry
BASOPHILS	0		%	0 - 1	Flow Cytometry
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	5.1		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	2.2		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.4		10 ³ /uL	0.04 - 0.66	Calculation
ABSOLUTE EOSINOPHIL COUNT	0.1		10 ³ /uL	0 - 0.66	Calculation
ABSOLUTE BASOPHIL COUNT	0.0		10 ³ /uL	0 - 0.11	Calculation

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Thahsina Anees
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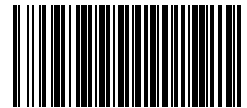
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HEMATOLOGY

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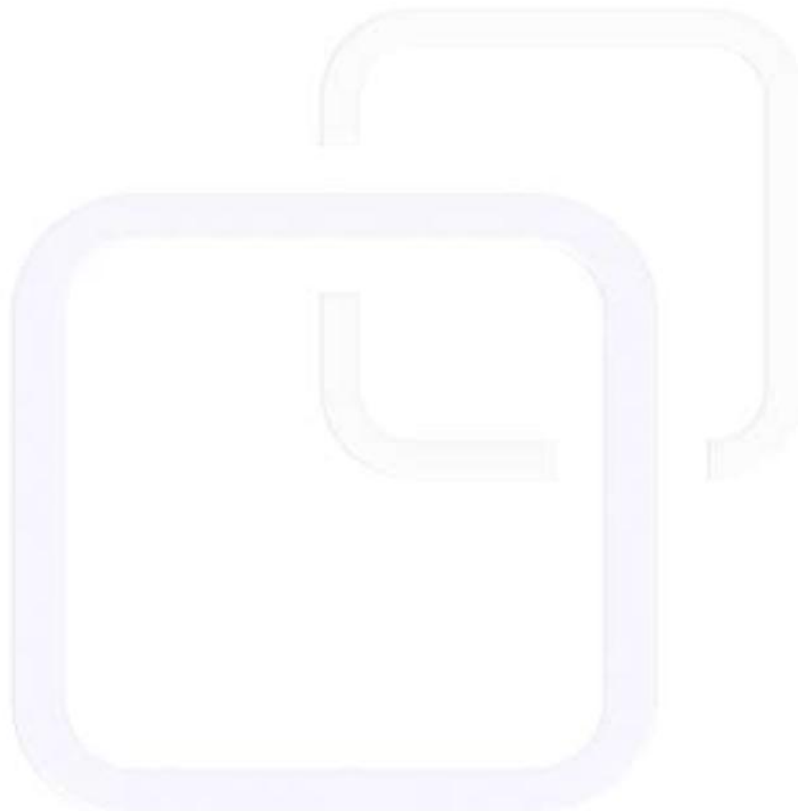
COMPLETE BLOOD COUNT (CBC)

Comments : Kindly correlate clinically.

INTERPRETATION NOTES : Please note update on CBC report format and changes in reference ranges.

Sample Type : EDTA Whole Blood

End of Report



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