

BML500761

Laboratory Investigation Report

Name : Mr. KHALED MICHEL YOUSSEF
DOB :
Age / Gender : 80 Y / Male
Referred by : DR HUMAIRA
Centre : CITICARE MEDICAL CENTER

Ref No. : 45196
Sample No. : 2412512922
Collected : 13/12/2024 11:00
Registered : 13/12/2024 17:06
Reported : 13/12/2024 20:04

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	1.023			1.002 - 1.035	Refractometry
PH	5.0			5 - 9	Litmus paper
GLUCOSE	Negative			Negative	GOD / POD
BLOOD	Negative			Negative	Peroxidase
PROTEIN	Negative			Negative	Protein error of pH indicator
LEUKOCYTE ESTERASE	Negative			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	Microscopy
ERYTHROCYTES	0-2		/HPF	0 - 2	Microscopy
SQUAMOUS EPITHELIAL CELLS	0-1		/HPF	< 20	Microscopy
NON-SQUAMOUS EPITHELIAL CELLS	-		/HPF	Variable	Microscopy
BACTERIA	-		/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	Present		/HPF	Absent	Microscopy


Dr. Adley Mark Fernandes
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Pathologist

Dr. Vyoma V Shah
M.D (Pathology)
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MUBASHER ZAHOOR
Laboratory Technologist

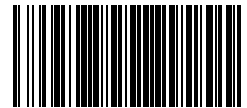
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Comments : Non specific crystals seen.					
CALCIUM OXALATE	-		/HPF	Absent	Microscopy
CALCIUM CARBONATE	-		/HPF	Absent	Microscopy
CALCIUM PHOSPHATE	-		/HPF	Absent	Microscopy
TRIPLE PHOSPHATE	-		/HPF	Absent	Microscopy
URIC ACID CRYSTAL	-		/HPF	Absent	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	-		/HPF	Absent	Microscopy
HYPHAE	-		/HPF	Absent	Microscopy
OVA	-		/HPF	Absent	Microscopy
CYST	-		/HPF	Absent	Microscopy
PARASITE	-		/HPF	Absent	Microscopy
ARTIFACTS	-		/HPF	Absent	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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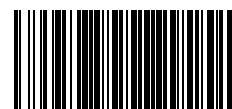
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HEMATOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
COMPLETE BLOOD COUNT (CBC)					
HEMOGLOBIN	12.3	L	g/dL	13.5 - 17.5	Photometric
RBC COUNT	3.7	L	10 ⁶ /μL	4.3 - 5.7	Electrical Impedance
HEMATOCRIT	35.2	L	%	38 - 50	Calculation
MCV	96.2		fL	82 - 98	Calculation
MCH	33.5	H	pg	27 - 32	Calculation
MCHC	34.8		g/dL	32 - 37	Calculation
RDW	13.1		%	11.8 - 15.6	Calculation
RDW-SD	44.2		fL		Calculation
MPV	8.1		fL	7.6 - 10.8	Calculation
PLATELET COUNT	293		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)^	0.3		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT^	0.02		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC)^	1.1		%		VCS 360 Technology
ABSOLUTE EGC^	0.1		10 ³ /uL		Calculation
WBC COUNT	6.0		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	69		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	26		%	20 - 45	VCS 360 Technology
EOSINOPHILS	1		%	0 - 6	VCS 360 Technology
MONOCYTES	4		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.1		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.3		10 ³ /uL	0.8 - 4.95	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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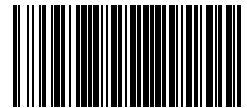
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HEMATOLOGY

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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