



BML488474

Laboratory Investigation Report

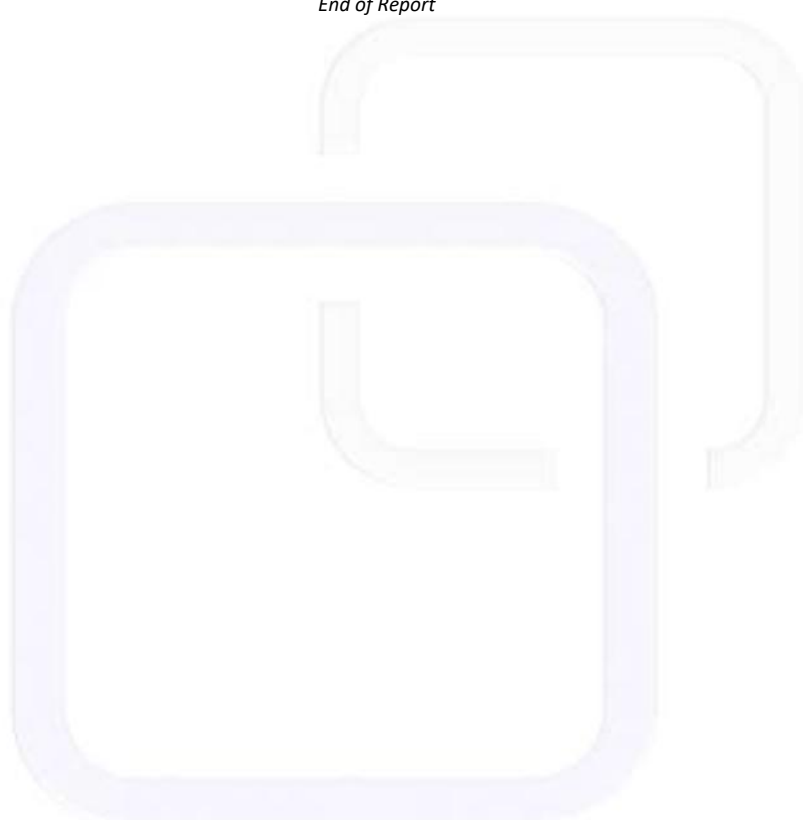
Name	: Ms. MADIHAH MAHOMED	Ref No.	: 44885
DOB	: 20/06/1996	Sample No.	: 2411499274
Age / Gender	: 28 Y / Female	Collected	: 13/11/2024 15:58
Referred by	: Dr.Mohammad	Registered	: 13/11/2024 15:58
Centre	: CITICARE MEDICAL CENTER	Reported	: 13/11/2024 17:13

BIOCHEMISTRY

Test	Result	Flag	Unit	Reference Range	Methodology
GLUCOSE (RANDOM)	72		mg/dL	< 200 Please note change. Source: The American Diabetes Association (ADA)	Hexokinase

Sample Type : Fluoride Plasma

End of Report



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

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

Haleem
HALEEM HAKKIM
Laboratory Technician

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CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
COLOR	Pale Yellow			Pale to Dark Yellow	Photometry
APPEARANCE	Clear			-	Turbidimetry
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.005			1.002 - 1.035	Refractometry
PH	6.5			5 - 9	Litmus paper
GLUCOSE	Negative			Negative	GOD / POD
BLOOD	Negative			Negative	Peroxidase
PROTEIN	Negative			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	25-50	H	/HPF	1 - 4	Automated Microscopy
ERYTHROCYTES	0-2		/HPF	0 - 2	Automated Microscopy
SQUAMOUS EPITHELIAL CELLS	5 - 10		/HPF	< 20	Automated Microscopy
NON-SQUAMOUS EPITHELIAL CELLS	-		/HPF	Variable	Automated Microscopy
BACTERIA	Present		/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



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MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

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CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
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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MOHAMMED RASHID CHENANGADATH
Laboratory Technologist

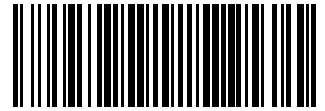
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HEMATOLOGY

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	34	L	%	35 - 45	Calculation
MCV	88.6		fL	82 - 98	Calculation
MCH	29.9		pg	27 - 32	Calculation
MCHC	33.7		g/dL	32 - 37	Calculation
RDW	13.4		%	11.9 - 15.5	Calculation
RDW-SD	41.6		fL		Calculation
MPV	10.2		fL	7.6 - 10.8	Calculation
PLATELET COUNT	241		10 ³ /uL	150 - 450	Electrical Impedance
PCT	0.2		%	0.01 - 9.99	Calculation
PDW	18		Not Applicable	0.1 - 99.9	Calculation
NUCLEATED RBC (NRBC) [^]	0.5		/100 WBC		VCS 360 Technology
ABSOLUTE NRBC COUNT [^]	0.03		10 ³ /uL		Calculation
EARLY GRANULOCYTE COUNT (EGC) [^]	0.4		%		VCS 360 Technology
ABSOLUTE EGC [^]	0		10 ³ /uL		Calculation
WBC COUNT	5.6		10 ³ /μL	4 - 11	Electrical Impedance
DIFFERENTIAL COUNT (DC)					
NEUTROPHILS	72		%	40 - 75	VCS 360 Technology
LYMPHOCYTES	21	L	%	30 - 60	VCS 360 Technology
EOSINOPHILS	1		%	0 - 6	VCS 360 Technology
MONOCYTES	6		%	1 - 6	VCS 360 Technology
BASOPHILS	0		%	0 - 1	VCS 360 Technology
ABSOLUTE COUNT					
ABSOLUTE NEUTROPHIL COUNT	4.0		10 ³ /uL	1.6 - 8.25	Calculation
ABSOLUTE LYMPHOCYTE COUNT	1.2		10 ³ /uL	1.2 - 6.6	Calculation
ABSOLUTE MONOCYTE COUNT	0.5		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

Vyoma V. Shah

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Reena Babu

Reena Babu
Laboratory Technologist

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HEMATOLOGY

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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MOLECULAR BIOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
11 STD PROFILE BY PCR[^]					
11 STD PROFILE BY PCR					
Chlamydia trachomatis	Not Detected			Not Detected	Real time PCR
Gardnerella vaginalis	DETECTED			Not Detected	Real time PCR
HSV 1	Not Detected			Not Detected	Real time PCR
HSV 2	Not Detected			Not Detected	Real time PCR
Mycoplasma genitalium	Not Detected			Not Detected	Real time PCR
Mycoplasma hominis	Not Detected			Not Detected	Real time PCR
Neisseria gonorrhea	Not Detected			Not Detected	Real time PCR
Treponema pallidum	Not Detected			Not Detected	Real time PCR
Trichomonas vaginalis	Not Detected			Not Detected	Real time PCR
Ureaplasma parvum	DETECTED			Not Detected	Real time PCR
Ureaplasma urealyticum	Not Detected			Not Detected	Real time PCR
Sample Type Processed	Urine				

INTERPRETATION NOTES :

A "DETECTED" result indicates the presence of microbial infection. Clinical correlation is required for further follow-up.

A "NOT DETECTED" result indicates the absence of microbial infection

Limitation of Assay:

- Interfering substances may affect the accuracy of this assay; results should always be interpreted in conjunction with clinical and epidemiological findings.
- The detection limit for this assay is 50 copies/reaction. False-negative results may occur due to sequence variability underlying the primers and probes, or the presence of the organism in quantities below the limit of detection of the assay.
- This test is a qualitative assay; results are reported either as negative or positive for STD infection.

References:

Pana Realtyper STD (2001)

Sample Type : URINE / PCR SWAB

End of Report


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Afferedi Medayil
Microbiologist

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