



on Jaffe method

28/04/2025 22:00

29/04/2025 20:12

Laboratory Investigation Report

Name Mr. JEEVAN GAIRE Ref No. 44071 **DOB** 10/10/1996 Sample No. 2504570080

Age / Gender 28 Y / Male Referred by Dr. AMAIZAH

CITICARE MEDICAL CENTER 29/04/2025 21:30 Centre Reported

BIOCHEMISTRY

Flag Unit Result Test **Reference Range** Methodology **URIC ACID (SERUM)** 3.4 - 7.0 Enzymatic colorimteric assay 5.7 mg/dL

> Please note change. Source: Roche IFU.

CREATININE (SERUM) Kinetic colorimetric assay based 0.82 mg/dL 0.9 - 1.3

> Please note change. Source: Tietz Fundamentals of Clinical Chemistry and

Collected

Registered

Molecular Diagnostics

INTERPRETATION NOTES:

1. Creatinine measurements are used as an aid in diagnosis and monitoring of renal disorders, Chronic Kidney disease (CKD) and in monitoring of renal dialysis and also used for the calculation of the fractional excretion of other urine analytes (e. g., albumin, α -amylase).

- Creatinine is a break-down product of creatine phosphate in muscle, and is produced at a fairly constant rate by the body (depending on muscle mass). It is freely filtered by the glomeruli and, under normal conditions, is not reabsorbed by the tubules to any appreciable extent. A small but significant amount is also actively secreted. Its concentration is thus, inversely related to glomerular filtration rate
- Physiological factors affecting serum creatinine concentration include age, gender, race, muscularity, exercise, pregnancy, certain drugs, diet, dehydration and nutritional status.
- Low serum Creatinine levels is seen in cases of low muscle mass like muscular atrophy, or aging.
- High serum creatinine levels is seen in Acute and Chronic kidney disease, obstruction.

Since a rise in blood creatinine is observed only with marked damage of the nephrons, it is not suited to detect early stage kidney disease.

UREA (SERUM) 12.86 - 42.86

Please note change.

Kinetic test with urease and glutamate dehydrogenase

Source: Roche IFU

Serum Sample Type:

End of Report

Dr. Vyoma V Shah Dr. Adley Mark Fernandes M.D (Pathology) M.D (Pathology) **Pathologist Clinical Pathologist**

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Page 1 of 5

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ELOISA MAY DELMO Laboratory Technologist

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Dubai, UAE





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CLINICAL PATHOLOGY

Test	Result	Flag	Unit	Reference Range	Methodology
URINE ANALYSIS (ROUTINE)					
COLOR	Yellow			Pale to Dark Yellow	Photometry
APPEARANCE	Slightly Turbid			-	Turbidimetry
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.025			1.002 - 1.035	Refractometry
PH	6			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	Н	/HPF	1 - 4	Microscopy
ERYTHROCYTES	5-10	Н	/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 GRANUALR CAST	-		/HPF	Absent	Microscopy
WAXY CAST	- 0		/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 Dr. Vyoma V Shah M.D (Pathology) M.D (Pathology) **Pathologist Clinical Pathologist**

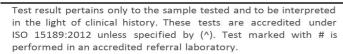
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Jillian Joy Garcia Laboratory Technologist



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CLINICAL PATHOLOGY

CLINICAL FATTOLOGY										
Test	Result	Flag	Unit	Reference Range	Methodology					
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	<u>-</u>		/HPF	Absent	Microscopy					
DRUG CRYSTAL	-		/HPF	Absent	Microscopy					
MUCUS THREADS	-		/HPF	Absent	Microscopy					
BUDDING YEAST CELLS	-		/HPF	Absent	Microscopy					
НҮРНАЕ	-		/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

URINE Sample Type:

End of Report

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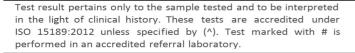
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HENJATOLOGY

HEMATOLOGY								
Test	Result	Flag	Unit	Reference Range	Methodology			
COMPLETE BLOOD COUNT (CBC)								
HEMOGLOBIN	14.6		g/dL	13.5 - 17.5	Photometric			
RBC COUNT	5.2		10^6/μL	4.3 - 5.7	Electrical Impedance			
HEMATOCRIT	44.6		%	38 - 50	Calculation			
MCV	85.3		fL	82 - 98	Calculation			
МСН	27.8		pg	27 - 32	Calculation			
мснс	32.6		g/dL	32 - 37	Calculation			
RDW	14.2		%	11.8 - 15.6	Calculation			
RDW-SD	42.4		fL		Calculation			
MPV	9.6		fL	7.6 - 10.8	Calculation			
PLATELET COUNT	264		10^3/uL	150 - 450	Electrical Impedance			
РСТ	0.3		%	0.01 - 9.99	Calculation			
PDW	16.3		Not Applicable	0.1 - 99.9	Calculation			
NUCLEATED RBC (NRBC)^	0.1		/100 WBC		VCS 360 Technology			
ABSOLUTE NRBC COUNT^	0.02		10^3/uL		Calculation			
EARLY GRANULOCYTE COUNT (EGC)^	0.3		%		VCS 360 Technology			
ABSOLUTE EGC^	0.0		10^3/uL		Calculation			
WBC COUNT	11.3	Н	10^3/μL	4 - 11	Electrical Impedance			
DIFFERENTIAL COUNT (DC)								
NEUTROPHILS	54		%	40 - 75	VCS 360 Technology			
LYMPHOCYTES	39		%	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	6.1		10^3/uL	1.6 - 8.25	Calculation			
ABSOLUTE LYMPHOCYTE COUNT	4.4		10^3/uL	0.8 - 4.95	Calculation			
ABSOLUTE MONOCYTE COUNT	0.5		10^3/uL	0.04 - 0.66	Calculation			
ABSOLUTE EOSINOPHIL COUNT	0.3		10^3/uL	0 - 0.66	Calculation			
ABSOLUTE BASOPHIL COUNT	0.0		10^3/uL	0 - 0.11	Calculation			

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Jaladini Dulanka **Laboratory Technologist** Printed on: 29/04/2025 21:32

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Centre : CITICARE MEDICAL CENTER

Dr. AMAIZAH

Ref No. : 44071

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HEMATOLOGY

Test Result Flag Unit Reference Range Methodology

COMPLETE BLOOD COUNT (CBC)

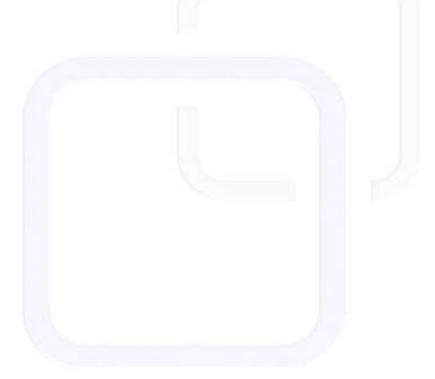
INTERPRETATION NOTES:

Referred by

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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