

Patient Name	: Ms. DESIREE LACHICA SALAPUNEN	Sample UID No.	: G4093981R
Age / Gender	: 41 Y / Female	Sample Collected On	: 06-07-2025 21:57
Patient ID	: QLD093769	Registered On	: 06-07-2025 22:02
Referred By	: Dr. AISHA	Reported on	: 07-07-2025 04:01
Referral Client	: CITICARE MEDICAL CENTER(INSURANCE)	External Patient ID	: 47283
Emirates ID / Passport No	:	Print Version	: V.1

Department of BIOCHEMISTRY

<u>Investigation</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>Biological Reference Interval</u>	<u>Method</u>
GLUCOSE (RANDOM)	120		mg/dL	70 – 140	Hexokinase

Sample: Fluoride Plasma

Comments :

CLINICAL IMPLICATION:

ADA criteria for definitive test for diabetes:

- 1) Fasting blood glucose > 126 mg/dl (> 6.99 mmol/l) on at least two occasions
- 2) Symptoms of diabetes plus random blood glucose > 200 mg/dl (> 11.1 mmol/l)
- 3) OGTT with 2 hrs. post load (75 gm glucose load) > 200 mg/dl (> 11.1 mmol/l) 4) HbA1c > 6.5%

INTERFERING FACTORS:

- 1) Steroids, diuretics, pregnancy, surgical procedures, anesthesia, obesity, smoking may cause elevated glucose levels.
- 2) Hematocrit > 55%, intense exercise, drug intake may cause lowered glucose level.
- 3) Dawn Phenomenon-Increase in blood glucose typically between 4.00am and 8.00 am due to counter- regulatory hormones.

RECOMMENDATION:

As mild borderline cases may present with normal fasting glucose levels, recommended repeat testing on a different day.

Reference:

- 1) Manual of Laboratory and Diagnostics -Frances Fischbach Marshall B. Dunning III [9th Edition]
- 2) Tietz clinical guide to Laboratory tests (Fourth edition) ALAN H.B. WU

- END OF REPORT -

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Department of CLINICAL PATHOLOGY

COMPREHENSIVE URINE ANALYSIS

Investigation	Results	Flag	Units	Biological Reference Interval	Method
Sample: URINE					
MACROSCOPIC EXAMINATION					
COLOR	Pale yellow			Pale to Dark Yellow	Colorimetric
APPEARANCE	Clear			-	Turbidometric Method
CHEMISTRY EXAMINATION					
SPECIFIC GRAVITY	1.025			1.002 - 1.035	Reflectance photometry
pH	5			4.5 - 8	Reflectance photometry
PROTEIN	Neg.			Negative	Reflectance photometry
GLUCOSE	Neg.			Negative	Reflectance photometry
KETONE	Neg.			Negative	Reflectance photometry
UROBILINOGEN	Norm.			Negative	Reflectance photometry
BILIRUBIN	Neg.			Negative	Reflectance photometry
BLOOD	Neg.			Negative	Reflectance photometry
LEUCOCYTES	Neg.			Negative	Reflectance photometry
MICROSCOPIC EXAMINATION					
NITRATE	Neg.			NEGATIVE	Reflectance photometry
PUS CELLS	Nil		/HPF	0 - 5	Microscopy
RBC	Nil		/HPF	0 - 3	Microscopy
NRBC	Nil		/HPF	0 - 3	Microscopy
DRBC	Nil		/HPF	0 - 3	Microscopy
RBC CLUMP	Nil		/HPF	0 - 3	Microscopy
SQUAMOUS EPITHELIAL CELLS	Packed	H	/HPF	0 - 5	Microscopy
OTHER EPITHELIAL CELLS	Nil		/HPF	0 - 5	Microscopy

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COMPREHENSIVE URINE ANALYSIS

Investigation	Results	Flag	Units	Biological Reference Interval	Method
BACTERIA	Nil		/HPF	0 - 5	Microscopy
BACTERIA CLUMP	Nil		/HPF	0 - 5	Microscopy
BACTERIA RODS	Nil		/HPF	0 - 5	Microscopy
BACTERIA COCCI	Nil		/HPF	0 - 5	Microscopy
HYALINE CAST	Nil		/HPF	NIL	Microscopy
PATHOLOGICAL CAST	Nil		/HPF	NIL	Microscopy
GRANULAR CAST	Nil		/HPF	NIL	Microscopy
CELLULAR CAST	Nil		/HPF	NIL	Microscopy
WAXY CAST	Nil		/HPF	NIL	Microscopy
RBC CAST	Nil		/HPF	NIL	Microscopy
WBC CAST	Nil		/HPF	NIL	Microscopy
FACT	Nil		/HPF	NIL	Microscopy
CALCIUM OXALATE CRYSTALS	Nil		/HPF	NIL	Microscopy
MONOHYDRATE CALCIUM CRYSTALS	Nil		/HPF	NIL	Microscopy
TRIPLE PHOSPHATE CRYSTALS	Nil		/HPF	NIL	Microscopy
URIC ACID CRYSTALS	Nil		/HPF	NIL	Microscopy
OTHER SMALL CRYSTALS	Nil		/HPF	NIL	Microscopy
CALCIUM PHOSPHATE CRYSTALS	Nil		/HPF	NIL	Microscopy
LEUCINE CRYSTALS	Nil		/HPF	NIL	Microscopy
CYSTINE CRYSTALS	Nil		/HPF	NIL	Microscopy
TYROSINE CRYSTALS	Nil		/HPF	NIL	Microscopy

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Department of CLINICAL PATHOLOGY

COMPREHENSIVE URINE ANALYSIS

<u>Investigation</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>Biological Reference Interval</u>	<u>Method</u>
AMORPHOUS CRYSTALS	Few		/HPF	NIL	Microscopy
CHOLESTEROL CRYSTALS	Nil		/HPF	NIL	Microscopy
FAT	Nil		/HPF	NIL	Microscopy
MUCUS	Occasional		/HPF	NIL	Microscopy
YEAST	Nil		/HPF	NIL	Microscopy
UNCLASSIFIED	Nil		/HPF	NIL	Microscopy
OTHERS	Nil		/HPF	NIL	Microscopy

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Department of HEMATOLOGY

COMPREHENSIVE COMPLETE BLOOD COUNT

<u>Investigation</u>	<u>Results</u>	<u>Flag</u>	<u>Units</u>	<u>Biological Reference Interval</u>	<u>Method</u>
HEMOGLOBIN	13.2		g/dl	12-15	photometric
RBC COUNT	4.37		10 ⁶ /uL	3.8-4.8	Electrical Impedance
HEMATOCRIT	38.9		%	37-47	Calculation
MCV	88.9		fL	78-100	Calculation
MCH	30.1		pg	27-31	Calculation
MCHC	33.8		g/dl	31-35	Calculation
RDW	12.7		%	9.3-16	Calculation
RDW-SD	40.7		fL	38.9-49	Calculation
MPV	7.1	L	fL	8.8-12.5	Calculation
PLATELET COUNT	389		10 ³ /uL	150-400	Electrical Impedance
* PCT	0.3		%	0.01-9.99	Calculation
* PDW	15.6			0.1-99.9	Calculation
* NUCLEATED RBC (NRBC)^	0.15		/100 WBC		Flow Cytometry
* ABSOLUTE NRBC COUNT^	0.01		10 ³ /uL		Calculation
* EARLY GRANULOCYTE COUNT (EGC)^	0.13		%		Flow Cytometry
* ABSOLUTE EGC^	0.01		10 ³ /uL		Calculation
WBC COUNT	9.6		10 ³ /uL	4-11	Electrical Impedance
* Neutrophil	51.74		%	40-80	VCS-Method
* Lymphocyte	36.48		%	20-40	VCS-Method
* Eosinophil	3.82		%	1-8	VCS-Method
* Monocyte	7.17		%	2-10	VCS-Method
* Basophil	0.79		%	0-2	VCS-Method
* ABSOLUTE NEUTROPHIL COUNT	4.96		10 ³ /uL	1.5-7	Calculation
* ABSOLUTE LYMPHOCYTE COUNT	3.5		10 ³ /uL	1.5-4	Calculation
* ABSOLUTE MONOCYTE COUNT	0.69		10 ³ /uL	0-0.8	Calculation
* ABSOLUTE EOSINOPHIL COUNT	0.37		10 ³ /uL	0-0.6	Calculation
* ABSOLUTE BASOPHIL COUNT	0.08		10 ³ /uL	0-0.2	Calculation

Sample: EDTA Whole Blood

- END OF REPORT -

Note:

"The analytes with asterix (*) symbol are non-accredited parameters."

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