

Patient Detail:

**Mesum Hassan**

Age/Sex :

**20 (Y) / M**

Registration Location:

**Jhang Road, Faisalabad**

Registration Date:

**19-Jan-2023 11:16**

Reference:

**Diabetes Care Program**

Consultant:

.

Patient Number:

**6601-21-7406924**

Case Number:

**724605-19-01**


Note : , , ,

## Department of Chemical Pathology

**Collection DateTime:** 19-Jan-2023 11:16

**Reporting DateTime:** 20-Jan-2023 05:03

Test	Reference Value	Unit	724605-19-01 19 Jan 2023 11:16
<b>Serum Albumin</b>	3.5 - 5.2	g/dL	<b>1.5</b>
<b>Note:</b> "The above mentioned value of Serum Albumin is critical and has been Texted at given number. A repeat test should be considered, if clinically indicated."			
1). Texted by: Noel John 2). Texted at: Given number 3). Date and Time of Text: 20-01-2023/05:01AM			
<b>Urine Albumin</b>		ug/mL	2403.4
<b>Urine Creatinine</b>		mg/dL	32
<b>Albumin Creatinine Ratio (ACR)</b>	(See Below)	mg/g	7510.6

### Interpretation:

Normal: &lt;30 mg/g

Microalbuminuria: 30 - 299 mg/g

Macroalbuminuria: &gt;300 mg/g

**Note:** Method for monitoring microalbuminuria include measurement of protein excretion in 24 hour, timed or overnight collections. Determination of the albumin:creatinine ratio is performed in an untimed "spot" urine specimen.

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## Department Of Microbiology Urine Examination

**Collection DateTime:** 19-Jan-2023 11:16

**Reporting DateTime:** 19-Jan-2023 18:06

### Physical Examination

**Colour:** Light Yellow

**Turbidity/Deposit:** Nil

### Chemical Examination

Parameter Name	Result	Reference Value	Parameter Name	Result	Reference Value
SP Gravity	1.015	1.005-1.030	Sugar	Nil	Nil
pH	6.5	5.0-8.0	Ketones	Nil	Nil
Leukocyte Estrases	Nil	Nil	Urobilinogen	Normal	Normal
Nitrite	Negative	Negative	Bilirubin	Nil	Nil
Proteins	3+	Nil	Heamoglobin	Nil	Nil

### Microscopic Examination

Parameter Name	Result	Reference Value	Unit	Parameter Name	Result	Reference Value	Unit
Pus Cells	0-5	0-5	/HPF	Organisms	Nil	Nil	/HPF
Red Blood Cell	Nil	0-5	/HPF	Yeast Cells	Nil	Nil	/HPF
Epithelial Cells	0-2	0-5	/HPF	Dead Sperms	Nil	Nil	/HPF
Amorphous	Nil	Nil	/HPF	Misc	Nil	Nil	/HPF
<b>Casts:</b>	Nil	Nil	/LPF	<b>Crystals:</b>	Nil	Nil	/HPF

**Note:** This test was performed on automated Urinalysis system.



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Note : , , ,

## Department of Hematology

Collection DateTime: 19-Jan-2023 11:16

Reporting DateTime: 19-Jan-2023 19:21

### Blood C/E (Complete, CBC)

Test	Reference Value	Unit	724605-19-01 19 Jan 2023 11:16
Hb	13 - 18	g/dl	15.9
Total RBC	4.5 - 6.5	x10 <sup>12</sup> /l	5.5
HCT	38 - 52	%	49
MCV	75 - 95	fl	89
MCH	26 - 32	pg	29
RDW CV %	11.5 - 14.5	%	11.5
MCHC	30 - 35	g/dl	33
Platelet Count	150 - 400	x10 <sup>9</sup> /l	362
MPV fl	7 - 11	fl	10.3
WBC Count (TLC)	4 - 11	x10 <sup>9</sup> /l	7.8
Neutrophils	40.0 - 75.0	%	41.9
Lymphocytes	20.0 - 50.0	%	40.8
Monocytes	2.0 - 10.0	%	6.3
Eosinophils	1.0 - 6.0	%	10.1
Basophils	Less Than 1.0	%	0.9
Abs. Neutrophils	2.00 - 7.00	x10 <sup>9</sup> /l	3.28
Abs. Lymphocytes	1.00 - 3.00	x10 <sup>9</sup> /l	3.19
Abs. Monocytes	0.20 - 1.00	x10 <sup>9</sup> /l	0.49
Abs. Eosinophils	0.02 - 0.50	x10 <sup>9</sup> /l	0.79
Abs. Basophils	0.02 - 0.10	x10 <sup>9</sup> /l	0.07

**RBC MORPHOLOGY:** Normocytic normochromic.

**WBC MORPHOLOGY:** Peripheral smear shows eosinophilia.No atypical cells are seen.

**PLATELET:** Adequate.



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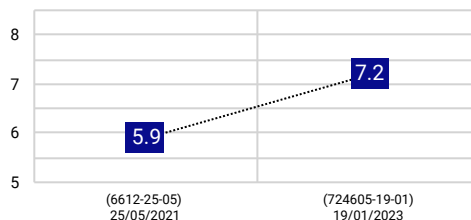
Note : , , ,

## Department of Chemical Pathology

Collection DateTime: 19-Jan-2023 11:16

Reporting DateTime: 20-Jan-2023 04:41

### Serum Uric Acid



**7.2** mg/dL  
Normal

■ Low (<3.5) ■ Normal (3.5 - 7.2) ■ High (>7.2)

## Renal Function Tests

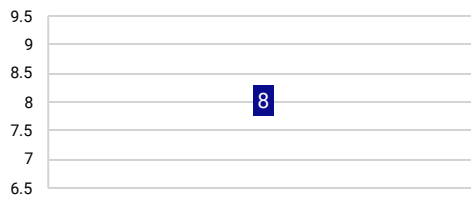
### Serum Urea



**18** mg/dL  
Normal

■ Low (<10) ■ Normal (10 - 50) ■ High (>50)

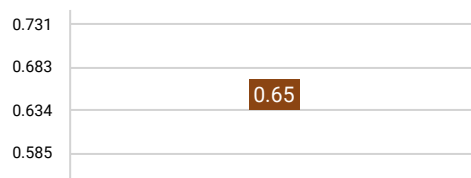
### Serum BUN



**8** mg/dL  
Normal

■ Low (<8) ■ Normal (8 - 22) ■ High (>22)

### Serum Creatinine



**0.65** mg/dL  
Low

■ Low (<0.73) ■ Normal (0.73 - 1.18) ■ High (>1.18)

**Note:** Change in reference values is effective from 7 June 2022.

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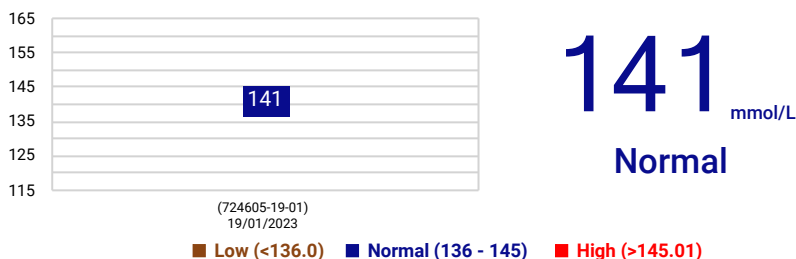
**724605-19-01**



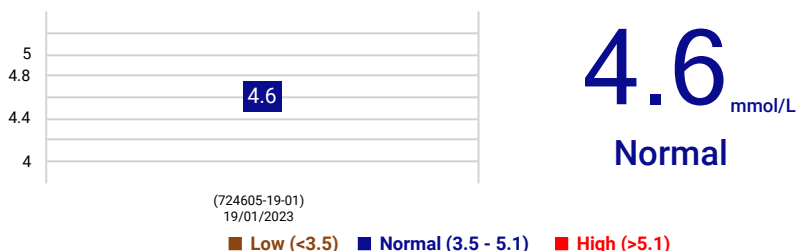
Note : , , ,

## Serum Electrolytes

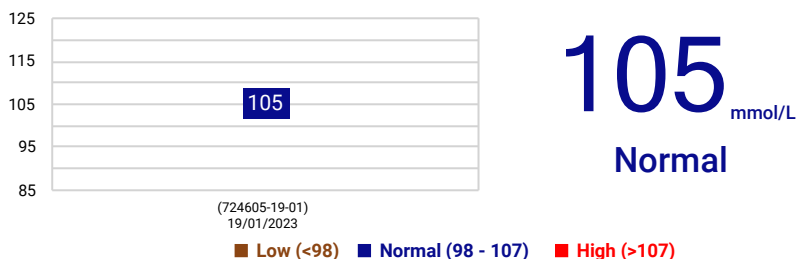
### Serum Sodium



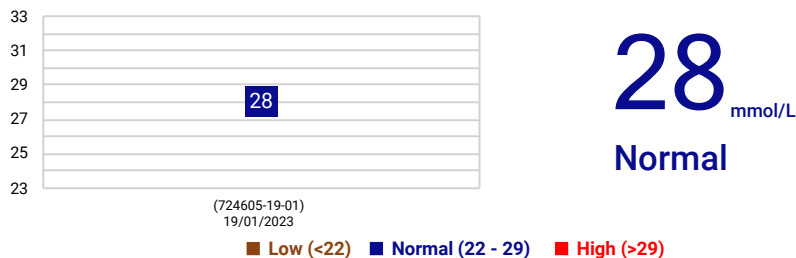
### Serum Potassium



### Serum Chloride



### Serum Bicarbonate



**Note:** Change in reference value is effective from 08 June 2022