



ব্রিটিশ রেডিওলজি হাসপাতাল লিমিটেড
BRB HOSPITALS LIMITED

ID No: UHID: 145531
FORID: H055419
Name: DR. MIZANUR RAHMAN
Age: DOB: 07.10.23 5.47.40
Ward / Bed No:
Doctor / Consultant:

Date:

Gender:

ICU / HDU
Essential Lab Results

Sl. Test | Date -- 30.07. 31.07. 01.08 02/08/23

a Haemogram				
1	Hb	13.2		12.5
2	ESR	57		26
3	TLC	10.50K		10.70K
4	DLC	71/25		69/23
5	Platelets	350K		385K
6	Hct	39.6		36.6
7	MCV	85.9		84.5
8	Reticulocyte Count			

b Renal & Electrolytes					
1	Urea				64
2	Creatinine	88		9	64
3	Na	132	129	132	132
4	K	5.0	5.1	4.0	3.8
5	Cl	96	92	94	94
6	HCO3/TCO2	19	21	22	21
7	Mg	2.2			
8	PO4				
9	Calcium	8.0			
10	Uric Acid				

Blood group: 'AB' (+ve)
Anti-Hbc Total: Positive (31.07.23)

c Coagulation Profile				
1	PT / INR	32 (2.93)	41.9 (3.94)	17.5/1.5
2	aPTT			
3	Fibrinogen			
4	FDP			
5	D-dimer			
6	BT			
7	CT			

Anti HAV IgM → Positive (30.07.23)
Anti HEV IgM → Negative (30.07.23)

ABC

Hematology

Clinical/Chem.

Sl.	Test	Date	1	2	3	4	5	6	7
d	LFT	30.07.	31.07.	01.08.	02/08/23				
1	T Bilirubin	399.9		408	371.6				
2	D Bilirubin	399.9							
3	I Bilirubin								
4	ALT	2113		1408	1242				
5	AST	2962		1021	829				
6	ALP	163		147	154				
7	GGT								
8	T Protein								
9	Albumin	3.2							
10	Globulin								
11	Ammonia		134						
e	Cardiac								
1	Trop I								
2	CK MB								
3	NT Pro BNP								
4									
f	Septic & Inflammatory								
1	CRP	36.9		22.7	28				
2	Procalcitonin								
3	Lactate								
4	LDH								
5	Ferritin								
6	IL-6								
7	Dengue IgG	} → Negative (30.07.23)							
8	Dengue IgM								
9	Misc								
1	S Amylase								
2	S Lipase								
3	CPK								
4	OBT								
5	Anti HCV	→ Negative (30.07.23)							
6	HBSAg	→ Negative (30.07.23)							
7									
8	RAT	→ Negative (30.07.23)							
9									
10									
11									

USG of W/A (30.07.23) ⇒ (BRM)

- ① Rt. pleural effusion - scanty - mild
- ② Ascites - scanty - Mild
- ③ Chronic parenchymal liver disease ±
- ④ Mild hepato-splenomegaly.

USG of W/A (29.07.23) ⇒ (Outside)

- ① Grade - I, Fatty changes in liver ± mild hepatomegaly ± thick multilayered GB wall - likely acute hepatic parenchymal disease.
- ② Mild splenomegaly
- ③ Mild Ascites
- ④ Rt. sided mild pleural effusion.

Urine R/E (9/08)

- Protein : ++
- Bilirubin : +++
- Pus cell → 2-4
- RBC → 25-30



ID No: Date:
 Name :
 Age: Gender :
 Ward / Bed No:
 Doctor / Consultant:

ICU / HDU

Misc. Test Report

Lab
 Name
 Age
 Refe
 Spec
 Invest
 CREATIN
 LIVER
 BILIRU
 SGOT
 SGPT
 ALKALI
 CRP (C-RE
 ELECT
 SODIUM
 POTASS
 CHLORID
 BICARBO

Sl.	Test (in Alphabetical Order)	Date	Report	Remarks
1	ACR (Albumin Creatinine Ratio)			
2	ACTH			
3	ANA			
4	Anti HAV Ig G			
5	Anti HAV Ig M			
6	Anti HAV			
7	Anti HAV Ig G			
8	Anti HAV Ig M			
9	Anti - Dengue Ig G			
10	Anti - Dengue Ig M			
11	Anti - ds DNA			
12	Anti - HBc total (total)	30/07/23	→ Positive	
13	Anti - HBc IG M			
14	Anti - HBe			
15	Anti - HBs			
16	Anti - HIV I			
17	Anti - HIV II			
18	Anti - Thyroid Antibody			
19	α_1 -antitrypsin			
20	Blood Group			
21	C3			
22	C4			
23	Caeruloplasmin			
24	Copper			
25	Cortisol			
26	Dengue NS 1 Antigen			
27	Ethanol			
28	Febrile Antigen			
29	Ferritin			
30	Folate			
31	FSH			
32	FT3			
33	FT4			

Sl.	Test <small>(in Alphabetical Order)</small>	Date	Report	Remarks
34	Haptoglobin			
35	HbA1C			
36	HBeAg			
37	HBsAg			
38	HBV - DNA (Viral Load)			
39	HCV - RNA			
40	HDL Cholesterol			
41	Homocysteine			
42	ICT for Malaria			
43	Ig A			
44	Ig E (Total)			
45	Ig G			
46	Ig M			
47	Insulin			
48	LDL Cholesterol			
49	Lead			
50	LH			
51	MP (Thick & Thin film)			
52	Parathyroid Hormone (PTH)			
53	PCR for COVID 19			
54	Prolactin			
55	S Osmolarity			
56	Serum Iron			
57	TIBC			
58	Total Cholesterol			
59	TPHA / VDRL			
60	Transferrin			
61	Transferrin Saturation			
62	Triglyceride			
63	TSH			
64	Urinary Ketone			
65	Urine for Microalbumin			
66	Vitamin B 1 ₂			
67	Vitamin D			
68				
69				
70				
71				
72				
73				

ABG

Hematology

Clinical/Chem.



Blood Gas Report

Age- Farid Hossain
Sex- M
Bed- H- 10

RAPIDPoint® 500e

ANALYSIS SAMPLE
Date: 01-08-23
Time: 05:00 54417

Temp: 0

BASE 37.0 °C
pH 7.487
pO₂ 32.2 mmHg
pCO₂ 7.3 mmHg
HCO₃⁻ 23.8 mmol/L
H₂O 25.3 mmol/L
S₂ 1.0 mmol/L
S₁ 0.4 mmol/L
S₀ 24.8 mmol/L

Electrolyte
Na⁺ 37 %
K⁺ 2.9 g/dL
Ca²⁺ 94.3 %
Mg²⁺ 92.7 %
Cl⁻ 106 %
S₂ 0.7 %
S₁ 5.6 %

Urea 27.6 mg/dL

UREN STATUS 37.0 °C
Urea 27.6 ml/dL
Creat 6.3 ml/dL

Electrolytes
Na⁺ 128.9 mmol/L
K⁺ 3.92 mmol/L
Ca²⁺ 0.92 mmol/L
Mg²⁺ 0.95 mmol/L
Cl⁻ 95 mmol/L
S₂ 4.0 mmol/L
S₁ 27.6 mmol/L

Electrolytes
Ca²⁺ 1.8 mmol/L
Mg²⁺ 4.69 mmol/L

Temp 36.0 mmHg

Arterial Venous Mixed

Date: 01-08-23

Time: 11:42 AM

Room Air

O flow rate- 1 min
O by-

Nasal Cannula

Face Mask

Re-Breathing Mask High Mask

Venturi Mask

Tracheotomy Filter

T-Piece (Long)

AMBU Bagging

Others-

HFNC

Ventilation Setup,

Invasive Non Invasive

Mode -

Tidal Vol -

Pr -

Resp Rate -

FiO₂ -

PEEP -

I:E ratio -

TC PA

IPAP -

EPAP -

V.max -

PS -

Monitoring Parameters,

Resp Rate (total) -

Minute Ventilation -

Plateau Pressure -

Static Compliance -

PEEP (total) -

Flow -

FiO₂ -

SPO₂ - 97

Change / Advice after blood gas-

Report checked by-Dr. Monir

Prepared by-RI *pm*



Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I1139895	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5 TH FLOOR/HDU-10
Referred by : DR. MIZANUR RAHMAN	Sample Date : 01/08/2023 06:11:00PM
Specimen : URINE	Result Date : 01/08/2023 09:04:00PM



CLINICAL PATHOLOGY

Investigation	Result	Unit	Reference Value
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Urine Routine Examination: Estimations are carried out by Urised Mini & DocL Reader 2 Pro Analyzer with checked manually

PHYSICAL EXAMINATION

Colour	Deep Yellow		Pale Yellow/Straw
Clarity/Appearance	Clear		Clear
Specific gravity	1.030		1.016-1.022
Sediment	Nil		Nil

CHEMICAL EXAMINATION

PH	5.5		4.5-8
Protein	Nil		Negative
Glucose	++		Absent
Ketone body	Nil		Negative
Bilirubin	+++		Absent
Urobilinogen	Absent		Absent
Nitrite	-		Negative

MICROSCOPIC EXAMINATION

Pus Cells/WBC	2-4	/HPF	0-5
RBC (Isomorphic)	25-30	/HPF	Nil
Epithelial Cells	2-5	/HPF	1-5
Hyaline Cast	Nil	/LPF	Nil
Granular Cast	Nil	/LPF	Nil
WBC Cast	Nil	/LPF	Nil
RBC Cast	Nil	/LPF	Nil
Calcium-Oxalate Crystals	Nil	/HPF	Nil
Uric Acid Crystals	Nil	/HPF	Nil
Amorphous Crystals	Nil	/HPF	Nil
Triple Phosphate Crystals	Nil	/HPF	Nil
Spermatozoa	Nil		Nil
Yeast	Nil		Nil

Medical Technologist

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Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I 1139895	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5TH FLOOR H01-10
Ref. by : DR. MIZANUR RAHMAN	Sample Date : 01/08/23 5:51 PM
Specimen : BLOOD	Result Date : 01/08/23 6:58 PM



CLINICAL CHEMISTRY

PROTHROMBIN TIME (PT & INR)

Investigation	Result	Unit	Ref. Value
Prothrombin Time	17.5	Seconds	11-16
Control	12	Seconds	
Ratio	1.46		
INR	1.51		

..... End of Result

*[Ref: Tietz Clinical guide to Laboratory test; 4th ed. 2009]

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Medical Technologist

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INVESTIGATION REPORT

Lab Id.	: 11139895	IP. No.	: 23/10266
Name	: Mr. FORID HOSSAIN	UHID	: BD1/ 345530
Age/Sex	: 35 Yrs / M	Ward	: 5TH FLOOR/HDU-10
Referred by	: DR. MIZANUR RAHMAN	Sample Date	: 01/08/23 05:51PM
Specimen	: BLOOD	Result Date	: 01/08/23 06:58PM



CLINICAL CHEMISTRY

Investigation	Result	Unit	Reference Value
CREATININE-SERUM	69	μmol/L	58-110
LIVER FUNCTION TEST / PROFILE-SERUM			
BILIRUBIN (TOTAL)-SERUM	407.8	μmol/L	<=22
SGOT (AST)-SERUM	1031	U/L	17-59
SGPT (ALT)-SERUM	1408	U/L	<50
ALKALINE PHOSPHATASE-SERUM	147	U/L	38-126
CRP (C-REACTIVE PROTEIN)	22.7	mg/L	<10
ELECTROLYTES PLASMA/SERUM			
SODIUM	132	mmol/L	137-145
POTASSIUM	4.0	mmol/L	3.5-5.1
CHLORIDE	94	mmol/L	98-107
BICARBONATES	22	mmol/L	22-30

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Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I 1137810	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5 TH FLOOR/HDU-II
Ref. by : DR. MIZANUR RAHMAN	Sample Date : 30/07/23 6:04 PM
Specimen : BLOOD	Result Date : 01/08/23 2:17 PM



IMMUNOLOGY
ELISA ANTI HB C TOTAL

Investigation	Sample OD	Cut-off Value	Interpretation	Method
Anti HBc (Total)	1.290	1.512	Positive	Competitive ELISA

Note: The test is done by competitive ELISA method. Hence, result is considered negative when sample OD is higher or positive when sample OD is lower than cut off value.

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Dr. M Mushfequr Rahman
M.Sc, M.Phil (Biochemistry & Molecular Biology),
PhD (Microbiology), Oizayama University, Japan
Post Doc (Infection & Immunity), McMaster University, Canada
Consultant
Department of Laboratory Medicine
BRB Hospitals Ltd

Reported by : *Signature*

Reviewed by :



Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I 1139895	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5TH FLOOR H01-10
Ref. by : DR. MIZANUR RAHMAN	Sample Date : 01/08/23 5:51 PM
Specimen : BLOOD	Result Date : 01/08/23 6:58 PM



CLINICAL CHEMISTRY

PROTHROMBIN TIME (PT & INR)

Investigation	Result	Unit	Ref. Value
Prothrombin Time	17.5	Seconds	11-16
Control	12	Seconds	
Ratio	1.46		
INR	1.51		

..... End of Result

*[Ref: Tietz Clinical guide to Laboratory test; 4th ed. 2009]

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Lab Id.	: 11139895	IP. No.	: 23/10266
Name	: Mr. FORID HOSSAIN	UHID	: BD1/ 345530
Age/Sex	: 35 Yrs / M	Ward	: 5TH FLOOR/IDU-10
Referred by	: DR. MIZANUR RAHMAN	Sample Date	: 01/08/23 05:51PM
Specimen	: BLOOD	Result Date	: 01/08/23 06:58PM



CLINICAL CHEMISTRY

Investigation	Result	Unit	Reference Value
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LIVER FUNCTION TEST / PROFILE-SERUM			
BILIRUBIN (TOTAL)-SERUM	407.8	μmol/L	<=22
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SGPT (ALT)-SERUM	1408	U/L	<50
ALKALINE PHOSPHATASE-SERUM	147	U/L	38-126
CRP (C-REACTIVE PROTEIN)	22.7	mg/L	<10
ELECTROLYTES PLASMA/SERUM			
SODIUM	132	mmol/L	137-145
POTASSIUM	4.0	mmol/L	3.5-5.1
CHLORIDE	94	mmol/L	98-107
BICARBONATES	22	mmol/L	22-30

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Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I1139895	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5 TH FLOOR/HDU-10
Referred by : DR. MIZANUR RAHMAN	Sample Date : 01/08/2023 06:11:00PM
Specimen : URINE	Result Date : 01/08/2023 09:04:00PM



CLINICAL PATHOLOGY

Investigation	Result	Unit	Reference Value
---------------	--------	------	-----------------

Urine Routine Examination: Estimations are carried out by Urised Mini & DocL Reader 2 Pro Analyzer with checked manually

PHYSICAL EXAMINATION

Colour	Deep Yellow		Pale Yellow/Straw
Clarity/Appearance	Clear		Clear
Specific gravity	1.030		1.016-1.022
Sediment	Nil		Nil

CHEMICAL EXAMINATION

PH	5.5		4.5-8
Protein	Nil		Negative
Glucose	++		Absent
Ketone body	Nil		Negative
Bilirubin	+++		Absent
Urobilinogen	Absent		Absent
Nitrite	-		Negative

MICROSCOPIC EXAMINATION

Pus Cells/WBC	2-4	/HPF	0-5
RBC (Isomorphic)	25-30	/HPF	Nil
Epithelial Cells	2-5	/HPF	1-5
Hyaline Cast	Nil	/LPF	Nil
Granular Cast	Nil	/LPF	Nil
WBC Cast	Nil	/LPF	Nil
RBC Cast	Nil	/LPF	Nil
Calcium-Oxalate Crystals	Nil	/HPF	Nil
Uric Acid Crystals	Nil	/HPF	Nil
Amorphous Crystals	Nil	/HPF	Nil
Triple Phosphate Crystals	Nil	/HPF	Nil
Spermatozoa	Nil		Nil
Yeast	Nil		Nil

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BRB Hospitals Limited

a concern of



Blood Gas Report

Age- Farid Hossain
Sex- M
Bed- H- 10

RAPIDPoint® 500e

ANALYSIS SAMPLE
Date: 01-08-23
Time: 05:00 54417

Temp: 0

BASE 37.0 °C
pH 7.487
pO₂ 32.2 mmHg
pCO₂ 7.3 mmHg
HCO₃⁻ 23.8 mmol/L
H₂O₂ 25.3 mmol/L
Lactate 1.0 mmol/L
Urea 0.4 mmol/L
Creat 24.8 mmol/L

Electrolytes
K⁺ 3.7 %
Na⁺ 12.9 g/dL
Cl⁻ 94.3 %
Ca²⁺ 9.7 %
Mg²⁺ 1.6 %
Urea 0.7 %
Creat 5.6 %

Urea 27.6 mg/dL

URIC ACID STATUS 37.0 °C
Uric 7.7 ml/dL
Creat 6.3 ml/dL

ANION GAP
K⁺ 3.7 mmol/L
Na⁺ 12.9 mmol/L
Cl⁻ 94.3 mmol/L
Ca²⁺ 9.7 mmol/L
Mg²⁺ 1.6 mmol/L
Urea 0.7 mmol/L
Creat 5.6 mmol/L

ANION GAP
K⁺ 3.7 mmol/L
Na⁺ 12.9 mmol/L
Cl⁻ 94.3 mmol/L
Ca²⁺ 9.7 mmol/L
Mg²⁺ 1.6 mmol/L

Urea 27.6 mmol/L

Arterial Venous Mixed

Date: 01-08-23

Time: 11:42 AM

Room Air

O flow rate- 1 min
O by-

Nasal Cannula

Face Mask

Re-Breathing Mask High Mask

Venturi Mask

Tracheotomy Filter

T-Piece (Long)

AMBU Bagging

Others-

HFNC

Ventilation Setup,

Invasive Non Invasive

Mode -

Tidal Vol -

Pi -

Resp Rate -

FiO₂ -

PEEP -

I:E ratio -

TC PA

IPAP -

EPAP -

V.max -

PS -

Monitoring Parameters,

Resp Rate (total) -

Minute Ventilation -

Plateau Pressure -

Static Compliance -

PEEP (total) -

Flow -

FiO₂ -

SPO₂ - 97

Change / Advice after blood gas-

Report checked by-Dr. Monir

Prepared by-RI *pm*

Sl.	Test <small>(in Alphabetical Order)</small>	Date	Report	Remarks
34	Haptoglobin			
35	HbA1C			
36	HBeAg			
37	HBsAg			
38	HBV - DNA (Viral Load)			
39	HCV - RNA			
40	HDL Cholesterol			
41	Homocysteine			
42	ICT for Malaria			
43	Ig A			
44	Ig E (Total)			
45	Ig G			
46	Ig M			
47	Insulin			
48	LDL Cholesterol			
49	Lead			
50	LH			
51	MP (Thick & Thin film)			
52	Parathyroid Hormone (PTH)			
53	PCR for COVID 19			
54	Prolactin			
55	S Osmolarity			
56	Serum Iron			
57	TIBC			
58	Total Cholesterol			
59	TPHA / VDRL			
60	Transferrin			
61	Transferrin Saturation			
62	Triglyceride			
63	TSH			
64	Urinary Ketone			
65	Urine for Microalbumin			
66	Vitamin B 1 ₂			
67	Vitamin D			
68				
69				
70				
71				
72				
73				

ABG

Hematology

Clinical/Chem.



ID No: Date:
 Name :
 Age: Gender :
 Ward / Bed No:
 Doctor / Consultant:

ICU / HDU

Misc. Test Report

Lab
 Name
 Age
 Refe
 Spec
 Invest
 CREATIN
 LIVE
 BILIRU
 SGOT
 SGPT
 ALKALI
 CRP (C-RE
 ELECT
 SODIUM
 POTASS
 CHLORID
 BICARBO

Sl.	Test (in Alphabetical Order)	Date	Report	Remarks
1	ACR (Albumin Creatinine Ratio)			
2	ACTH			
3	ANA			
4	Anti HAV Ig G			
5	Anti HAV Ig M			
6	Anti HAV			
7	Anti HAV Ig G			
8	Anti HAV Ig M			
9	Anti - Dengue Ig G			
10	Anti - Dengue Ig M			
11	Anti - ds DNA			
12	Anti - HBc total (total)	30/07/23	→ Positive	
13	Anti - HBc IG M			
14	Anti - HBe			
15	Anti - HBs			
16	Anti - HIV I			
17	Anti - HIV II			
18	Anti - Thyroid Antibody			
19	α_1 -antitrypsin			
20	Blood Group			
21	C3			
22	C4			
23	Caeruloplasmin			
24	Copper			
25	Cortisol			
26	Dengue NS 1 Antigen			
27	Ethanol			
28	Febrile Antigen			
29	Ferritin			
30	Folate			
31	FSH			
32	FT3			
33	FT4			

USG of W/A (30.07.23) ⇒ (BRM)

- ① Rt. pleural effusion - scanty - mild
- ② Ascites - scanty - Mild
- ③ Chronic parenchymal liver disease ±
- ④ Mild hepato-splenomegaly.

USG of W/A (29.07.23) ⇒ (Outside)

- ① Grade - I, Fatty changes in liver ± mild hepatomegaly ± thick multilayered GB wall - likely acute hepatic parenchymal disease.
- ② Mild splenomegaly
- ③ Mild Ascites
- ④ Rt. sided mild pleural effusion.

Urine R/E (9/08)

- Protein : ++
- Bilirubin : +++
- Pus cell → 2-4
- RBC → 25-30



BRB HOSPITALS LIMITED

ID No: UHO 345530
 FORID HOSSAIN
 Name: DR. MIZANUR RAHMAN
 Age: DOB: 07-30-23 6:47 AM

Date: _____

Gender: _____

Ward / Bed No: _____

Doctor / Consultant: _____

ICU / HDU
 Essential Lab Results

Sl.	Test ↓	Date →	1	2	3	4	5	6	7
			30.07.	31.07.	01.08	02/08/23			
a	Haemogram								
1	Hb		13.2		12.5				
2	ESR		57		26				
3	TLC		10.50K		10.70K				
4	DLC		71/25		69/23				
5	Platelets		350K		385K				
	Hct		39.6		36.6				
7	MCV		85.9		84.5				
B	Reticulocyte Count								
9									
b	Renal & Electrolytes								
1	Urea								
2	Creatinine		88		64				
3	Na		132	129	132	132			
4	K		5.0	5.1	4.0	3.8			
5	Cl		96	92	94	94			
6	HCO3/TCO2		19	21	22	21			
7	Mg		2.2						
	PO4								
9	Calcium		8.0						
10	Uric Acid								
11	Blood group: 'AB' (ve)								
12	Anti-Hbc Total: Positive (31.07.23)								
c	Coagulation Profile								
1	PT / INR		32 (2.93)	41.9 (3.91)	17.5/1.5				
2	aPTT								
3	Fibrinogen								
4	FDP								
5	D-dimer								
6	BT								
7	CT								
8	Anti HAV IgM → Positive (30.07.23)								
9	Anti HEV IgM → Negative (30.07.23)								



Laboratory Services Division

INVESTIGATION REPORT

Lab Id. : I 1137810	IP. No. : 23/10266
Name : Mr. FORID HOSSAIN	UHID : BD1/ 345530
Age/Sex : 35 Yrs./ M	Ward : 5 TH FLOOR/HDU-11
Ref. by : DR. MIZANUR RAHMAN	Sample Date : 30/07/23 6:04 PM
Specimen : BLOOD	Result Date : 01/08/23 2:17 PM



IMMUNOLOGY
ELISA ANTI HB C TOTAL

Investigation	Sample OD	Cut-off Value	Interpretation	Method
Anti HBc (Total)	1.290	1.512	Positive	Competitive ELISA

Note: The test is done by competitive ELISA method. Hence, result is considered negative when sample OD is higher or positive when sample OD is lower than cut off value.

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Reported by : *Signature*

Reviewed by :

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