

Instructions :

- নিয়মিত ভিজিট থাকবে।



Bangobandhu Sheikh Mujib Medical University
Shahbag, Dhaka-1000, Bangladesh



BSMMU HOSPITAL

DISCHARGE SUMMARY

Department :	Internal Medu
Unit :	Orthoid
Ward :	Cabin
Bed :	606/A

Name : Kalpona Debnath Age : 61 Sex : F PIN : 1964/3

Mailing Address : Bagitpun, Kishanganj

Mobile No : 01744-588815

Unit Head : Prof. Dr. Sunil Kumar Biswas

Date of Admission : 10/06/24 Date of Discharge : 08/07/24

Principal Diagnosis : Non severe aplastic anaemia

Other Diagnosis :

Procedure(s) / Operation Performed :

Discharged to home Referred to other department Referred to other hospital

Follow-up / Future plan :

- ৩ মাসের পর CBE & ESR
 - 5 creatinine
 - RBS
 - SGPT
 - Urine E/MIE
- বিজিট'সহ রেফার করা হবে।

Dr. Gaotam Kumar Mondal
Resident

Supervisor

Dr. Gaotam Kumar Mondal
Resident

2 UNIT WHOLE BLOOD, 2 UNIT RBC, 1 UNIT APFRENCH
 Platelet given.

Summary (Hx, Pex, Investigations and Hospital course):

Kalpina Debbarth, 61 years old female, Homemaker
 having from Bagnhun, Kishanganj admitted
 in BSMU with the complaints of black
 tarry stool for 15 days, generalized weakness
 for 10 days. Stool was one or two episodes
 per day, moderate in amount, foul smelling,
 sticky on pan, turning red after flush
 not associated with vomiting. Generalized
 weakness insidious onset, extremely fatigue
 unable to do daily activities without help.
 On G/I/E: appearance: ill looking, anemia: ⊕
 jaundice, cyanosis, clubbing, Kehrhydia, Odema
 - absent - Pulse - 110 bpm, BP 90/60 mmHg
 Temp - 98°F, Body tenderness - Absent: on G/I
 Exam: Lips, gums, teeth - normal No ulceration
 pigmentation, oral ulcer, No organomegaly,
 Osseles, abdominal lymphadenopathy.
 Other systemic examination reveals no abnormality

Investigations:

CBC & ESR: Hb - 7.7 → 12.9 → 10.6 → 8.6 → 10.9 g/dl

ESR - 14 → 38 → 25 → 45 → 29

MCV - 86 → 86 → 88 → 88 → 83 fl

PBF: Microcytic Hypochromic anemia & thrombocytopenia

CRP: 14.27 Urine R/M/E: No growth 5. bilirubin

0.5 mg/dl, 5. calcium - 8.3 mg/dl, ALP - 90 U/L

SGPT - 19, 5. creatinine - 0.67 mg/dl, 5 electrolytes

NA - 134, K - 4.13 Cl - 101, SvHb2 - 273 g/l ml 5.

Folate 5.4 ng/ml, 5HBxAg, Anti HIV - (ve) Iron Profile

103 mg/dl, TIBC 223, CA 19.9 11 u/ml, CEA 2.55 5. TTF

Endoscopy: Erosive gastritis with omental vasculary
 ectasia
 Colonoscopy: Normal B/M/E: Features of lymphoproliferative
 malignancy. Biopsy: Hypocellular
 plasma

Medications received during hospital course and / Operation note:

• Cap. Traxyl 500mg
 1+1+1

• Tab. Nael 300mg
 1+1+1

• Tab. Folicson 5mg
 1+0+0

• Tab. Xone-75
 1+0+1

• Tab. Pantonix 40mg
 1+0+1 (B/M)

• 2 unit whole blood, 2 unit Rcc, 1 unit apfrench
 platelet - given.
 Treatment advised at discharge:

• ২টা ব্লাড - মাত্রা জরিপ

• Tab. Nael 300mg
 ১+০+১ — ৫মাত্রা ১

• Tab. Folicson 5mg
 ০+০+১ — ৫মাত্রা ১

• Tab. Mecobal 0.5mg
 ০+০+১ — ৫মাত্রা ১

• Tab. Omepral-D
 ০+১+০ — ৫মাত্রা ১

• Tab. Solvit B
 ১+০+১ — ৫মাত্রা ১

• Tab. Pantonix 40mg
 ১+০+১ (সারাদিন ৩০ মিনিটের পর খাওয়ার)
 — ১মাত্রা ১

Instructions :

- নিয়মিত রক্ত পরীক্ষা

Follow-up / Future plan :

• ১ মাস পর

- CBC
- RBS
- SGPT
- S. creatinine

নিয়মিত রক্ত পরীক্ষা


Resident

০৫৫



Bangabandhu Sheikh Mujib Medical University
Shahbag, Dhaka-1000, Bangladesh

BSMMU HOSPITAL

DISCHARGE SUMMARY

Department :	Internal Medicine
Unit :	Orchid
Ward :	Cabin
Bed :	505B

Name : Kalpna Debnath Age : 61 Sex : F PIN : 1777/5

Mailing Address : Bajitpur, Kishoreganj.

Mobile No : 01744588815

Unit Head : Prof. Dr. Sunil Kumar Bhowmik

Date of Admission : 26.07.24 Date of Discharge : 05.08.24

Principal Diagnosis : NON severe aplastic anaemia

Other Diagnosis : Gastric antral vascular ectasia

Procedure(s) / Operation Performed : Conservative

Discharged to home Referred to other department Referred to other hospital

Supervisor


Resident

Summary (Hx, PE, Investigations and Hospital course) :

Kalpna Debnath, 61 years old hailing from Bajitpur, Kishoreganj admitted in BSMMU with the complaints of black tarry stool for 7 days, generalized weakness for same duration. She was admitted 1.5 months ago and diagnosed as a case of non-severe aplastic anaemia & gastric antral vascular ectasia

Medications received during hospital course and / Operation note :

- Tab. Neural 200 ১+০+১
- Tab. Folicson 5 ০+০+১
- Tab. Solvit-B ১+০+১
- Cap. Traxyl 500 ১+১+১
- Tab. Pantanix 40 ১+০+১

- 4 unit - RCC + 1 unit SDP — given
 - 2 sessions APC done - 06.07.24 & 03.08.24.

Treatment advised at discharge :

• ধারার : ষ্টার্জিক

- | | | | | |
|--------|----------------------|-------|---|------|
| ১/১.২৫ | • Tab. Neural 200mg | ১+০+১ | — | ৫মাস |
| ১/১.২৫ | • Tab. R-Pag 50mg | ১+০+০ | — | ৬মাস |
| ১/১.২৫ | • Tab. Folicson 5mg | ০+০+১ | — | ৫মাস |
| | • Tab. Mecobal 0.5mg | ০+০+১ | — | ৫মাস |
| | • Tab. OVocal-D | ০+১+০ | — | ৫মাস |
| | • Tab. Solvit-B | ১+০+১ | — | ৬মাস |
| | • Tab. Pantanix 40 | ১+০+১ | — | ৬মাস |

৬মাস (কমিনো)

Hb - 12.6g/dl
 RBC - $4.23 \times 10^{12}/L$
 Platelet - $35 \times 10^9/L$
 WBC - $6 \times 10^9/L$

• Reticulocyte count -
 Absolute count - $123 \times 10^9/L$
 Reticulocyte count % - 2.6%
 Corrected Ret. Count/RL - 2.5%.



Bangabandhu Sheikh Mujib Medical University

BSMMU Hospital, Shahbagh, Dhaka-1000, Bangladesh.

REFERRAL NOTES

Bed :	5050
Ward :	cabin
Unit :	onchip
Block :	cabin
Level :	5

PRN : 1777/5 Name : Mrs. Kalpona Debnath Age : 61y Sex : Female
 Referred to Prof / Dr : Abdul Aziz

Nature of Referral : Urgent (within one hr), Routine (within 24 hr)

Clinical information: (History, Physical, Lab, Imaging etc.) :

Mrs. Kalpona Debnath 61y old admitted with the complain of black tarry stool, and generalized weakness for 7 days she also suffering same type of illness and admitted to BSMMU 1.5 month back and diagnosed as a case of Non severe aplastic anaemia with gastric antral vascular ectasia (Apc done on 6/7/29). On examination, she is severely anaemic, she got 3 unit of RCC and her CBC shows.
 Hb-9.9, WBC-3,000 (N-67%, L-27%), Platelet-30,000
 She is on cyclosporin therapy (200mg) - OD.

Reason for referral : pls give your valuable opinion regarding further management. and if we can add eltrombopag or continue cyclosporin ^{drug} therapy

Resident Dr. Abu Bakar

Date : 30/7/29.

Time :

Adc.
 CRT, Reticulo cyto
 Wund.
 fozay

Referring consultant
 (Name with signature)

Referral Reply

Date :

Time :

Thank you for referral
I have gone through history
and papers. I would like to
suggest the following

→ ① transfuse 01 unit
SDP

② Tab Rpag 50mg
1+0+0 → continue

③ continue previous
~~tab~~ tab cyclosporin

f/u on 03.08.24 with
CBC, Reticulocyte count

with Thanks

✓ A 34.07.24
Prof Dr. M. A. Aziz

Department of Hematology
BSMMU



BLOOD REPORT

ID NO : 36244	Lab No : 480	Collection Date : 22/06/2024
Name Of Patient : KOLPONA DEBNATH	Age : 61 Yrs	Sex : F
Referred By :		
Sample: Bone Marrow	Investigations wanted	Morphology.

Bone marrow examination report

Site	: Post. sup. iliac spine.
Consistency of bone	: Normal.
Aspiration	: Easy.
Cellularity	: Normocellular. ✓
Myeloid/Erythroid ratio (M/E Ratio)	: Normal
Erythropoiesis	: Reduced, and normoblastic
Granulopoiesis	: Active, maturing into segmented form.
Megakaryocytes	: Normal
Lymphocytes	: Increased, <u>50%</u> of all marrow nucleated cells.
Plasma cells	: Normal (7%)
Ectopic cells/Parasite	: Not seen

Comments: Features are consistent with lymphoreticular malignancy.

Advice: Immunophenotyping for CLPD panel, Cytogenetics.

(Professor Dr. Md. Rafiquzzaman Khan)
Professor

Dept. of Haematology
MBBS, DCP, FCPS
Bangabandhu Sheikh Mujib Medical University.



HISTO-PATHOLOGY REPORT



Lab No	2430-05667	Receive Date	22/06/2024	Verify Date	29/06/2024
Patient Name	KOLPONA DEVNATH	Report Status	FINALIZED	Report No	12406023445
Age / Sex	61Y BD / F				
Ref. Doctor	BSMMU				
Phone	01744588815				

Specimen : Bone marrow (Trephine biopsy).

Gross description :

Specimen consists of two linear bony pieces of tissue measuring 2cm and 0.5 cm in length. Submitted as such after short decalcification.

Microscopic appearance:

Sections show spongy bone. The marrow is hypocellular. Erythropoiesis, granulopoiesis at all stages of maturation, and megakaryocytes are seen.

No granuloma or malignancy is seen.

Reticulin stain : No reticulin positive tissue is seen.

Diagnosis : Hypoplastic marrow.
(See description please)


Resident Name :
Dr. Sarah Suhana
Resident MD (Pathology)


Dr. Shabnam Akhter
MBBS, MD (Pathology)
Associate Professor of Pathology
B.S.M Medical University, Dhaka



QR Code for
report verification

Case ID	: 2400139700	Sample Type	: HEPARINIZED BONE MARROW
Name	: MRS.KOLPONA DEBNATH (6059)	Date & Time Collected	: 23-Jun-2024 12:00 AM
Sex/Age	: Female/61 Years	Date & Time Received	: 25-Jun-2024 10:21 AM
Bill. Loc.	: The Pathlabs, Dhaka	Date & Time Reported	: 26-Jun-2024 12:42 PM
Ref. By	: PROF. DR. ABDUL AZIZ	Report Version	: 2
Indication	:		

FLOWCYTOMETRY REPORT

Clinical history: - 61 years female. Suspected Chronic Lymphoproliferative disorder.

CD Markers: -

TUBE 1): CD7, CD3, CD56, CD10, CD34, CD19, CD45, CD38, CD5, CD20.

TUBE 2): CD3, CD4, CD8, CD2, CD1a, CD34, CD45.

Specimen: Heparin Bone marrow

Cell Preparation Method: Stain-Lyse-Wash

Instrument and software: Backman Coulter DXFLEX 13 Color/CytExpert

IMPRESSION:

No definite immunophenotypic evidence of leukemic process or lymphoproliferative neoplasm.

Flow cytometric immunophenotyping showed lymphocytes, monocytes, granulocytes, erythroid precursors. There were no increased blasts or other atypical cells identified among the markers studied.

Note: Isolated flowcytometry analysis never confirm the final diagnosis of the disease. It only helps in arriving at a diagnosis in conjunction with clinical presentation, cytogenetic study, molecular tests and other hematological parameters.

Dr. RIDHAM SUKHADIA
MD, Pathology
PDCC (Bengaluru)

----- End Of Report -----

Page 1 of 1

Dr. Pratap N. Mukhopadhyaya
Ph.D(Sc.)

Dr. Nirmal A. Vaniawala
MD (Path. & Bact.)

Dr. Salil Vaniawala
M.Sc Ph.D.(Human Genetics)
Consulting Geneticist



QR Code for
report verification

Case ID : 2400140202	Sample Type : HEPARINIZED BONE MARROW
Name : KOLPONA DEBNATH (6059)	Date & Time Collected : 23-Jun-2024 12:00 AM
Sex/Age : Female/61 Years	Date & Time Received : 27-Jun-2024 03:13 PM
Bill. Loc. : The Pathlabs, Dhaka	Date & Time Reported : 29-Jun-2024 06:48 PM
Ref. By : PROF. DR. ABDUL AZIZ	Report Version : 1
Indication :	

MYELODYSPLASTIC SYNDROME (MDS) PANEL SUMMARY

FISH PANEL	
FISH Probe	Result
1 FISH - Del(5q)	Not Detected
2 FISH - Del(7q)	Not Detected
3 FISH - Del(20q)	Not Detected
4 FISH - Trisomy 8	Not Detected

Kindly correlate with clinical features, morphological findings and biochemical parameters for final risk stratification.

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Ref. By : PROF. DR. ABDUL AZIZ	Report Version : 1
Indication :	

CHROMOSOME ANALYSIS (FISH)

Specimen description : Sample quality is optimum for the test.


FISH INVESTIGATION FOR : Del(5q)
 METHOD : By Fluorescence in situ Hybridization (FISH)
 PROBES USED : Healthcare CSF1R/D5S630 dual color probe. CSF1R: Orange, D5S630: Green.

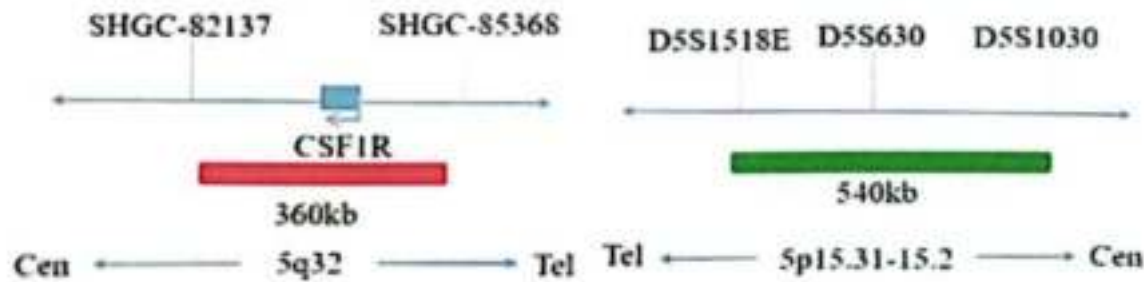
RESULTS

NO. OF CELLS STUDIED: 200					
CHROMOSOME	ORANGE CSF1R (5q32)	GREEN D5S630 (5p15.31-15.2)	NO. OF CELLS SHOWING DELETION/MONOSOMY	NO. OF CELLS NOT SHOWING DELETION/MONOSOMY	INTERPRETATION
SIGNALS PER CELL	2	2	--	200	100% NORMAL
SIGNALS PER CELL	1	2	00	--	00% POSITIVE

RESULT : nuc ish(CSF1R,D5S630)x2[200]

FISH REPORT

	INTERPRETATION <div style="background-color: green; color: white; padding: 5px; display: inline-block; font-weight: bold;">NEGATIVE</div>
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Dr. Pratap N. Mukhopadhyaya
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(Signature)
Dr. Nirmal A. Vaniawala
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(Signature)
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QR Code for
report verification

Case ID : 2400140202 Sample Type : HEPARINIZED BONE MARROW
 Name : KOLPONA DEBNATH (6059) Date & Time Collected : 23-Jun-2024 12:00 AM
 Sex/Age : Female/61 Years Date & Time Received : 27-Jun-2024 03:13 PM
 Bill. Loc. : The Pathlabs, Dhaka Date & Time Reported : 29-Jun-2024 06:48 PM
 Ref. By : PROF. DR. ABDUL AZIZ Report Version : 1
 Indication :

CHROMOSOME ANALYSIS (FISH)

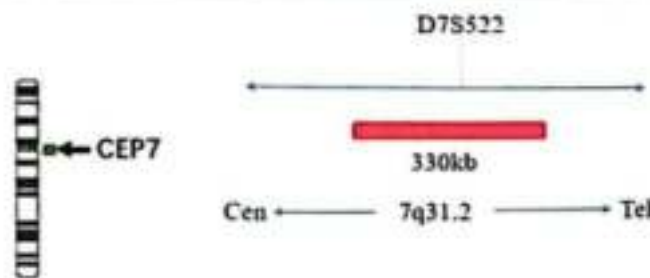
FISH INVESTIGATION FOR : Del(7q)
 METHOD : By Fluorescence in situ Hybridization (FISH)
 PROBES USED : Healthcare D7S522/CEP7 dual color Probe. D7S522: Orange, CEP7: Green.

RESULTS

NO. OF CELLS STUDIED: 200					
	ORANGE D7S522 (7q31.2)	GREEN CEP7	NO. OF CELLS SHOWING DELETION/MONOSOMY	NO. OF CELLS NOT SHOWING DELETION/MONOSOMY	INTERPRETATION
CHROMOSOME	7	7			
SIGNALS PER CELL	2	2	—	200	100% NORMAL
SIGNALS PER CELL	1	2	00	—	00% POSITIVE
RESULT : nuc ish(D7S522,CEP7)×2[200]					

FISH REPORT

	INTERPRETATION
	NEGATIVE



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QR Code for report verification

Case ID : 2400140202 Sample Type : HEPARINIZED BONE MARROW
 Name : **KOLPONA DEBNATH (6059)** Date & Time Collected : 23-Jun-2024 12:00 AM
 Sex/Age : Female/61 Years Date & Time Received : 27-Jun-2024 03:13 PM
 Bill. Loc. : The Pathlabs, Dhaka Date & Time Reported : 29-Jun-2024 06:48 PM
 Ref. By : PROF. DR. ABDUL AZIZ Report Version : 1
 Indication :

CHROMOSOME ANALYSIS (FISH)

FISH INVESTIGATION FOR : Del(20q) and trisomy 8
 METHOD : By Fluorescence in situ Hybridization (FISH)
 PROBES USED : Healthcare D20S108/CEP8 dual color Probe. D20S108: Orange, CEP8: Green.

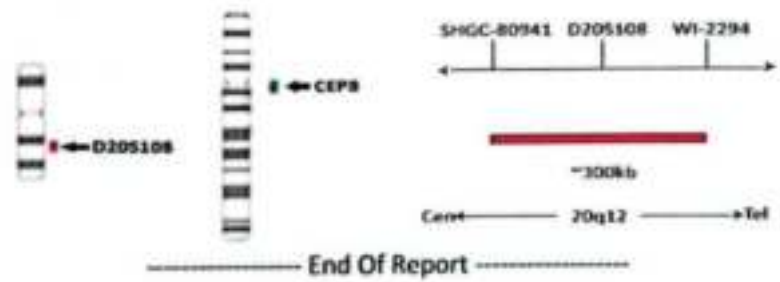
RESULTS

NO. OF CELLS STUDIED: 200					
CHROMOSOME	ORANGE D20S108 (20q12)	GREEN CEP8	NO. OF CELLS SHOWING DELETION/ TRISOMY	NO. OF CELLS NOT SHOWING DELETION/ TRISOMY	INTERPRETATION
SIGNALS PER CELL	2	2	—	200	100% NORMAL
SIGNALS PER CELL	1	2	00	—	00% POSITIVE
SIGNALS PER CELL	2	3	00	—	00% POSITIVE

RESULT : nuc ish[D20S108, CEP8]x2[200]

FISH REPORT

	INTERPRETATION
	NEGATIVE



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DEPARTMENT OF HAEMATOLOGY
ডিপার্টমেন্ট অব হেমাটোলজী
Bangabandhu Sheikh Mujib Medical University
বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Shahbag, Dhaka-1000, Bangladesh

BLOOD REPORT

Patient ID :H 8407 Bill No: 51247 Req.Date: AUG 11, 24 Delivery Date: AUG 11, 24
Patient Name: KOLPONA DEBNATH Sex: F Age: 61Y 0M 0D Post: 714 AUG 11, 24 10:37 AM
Nature of Examination: C.B.C, ESR (Westergren) Print: 766 AUG 11, 24 02:07 PM

HAEMATOLOGY REPORT

Estimations are carried out by SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN2000)

Test Name	Result	Normal Range
Haemoglobin	9.4 g/dl	Male : 15 ± 2 gm/dl, Female : 13.5 ± 1.3 gm/dl
ESR (Westergren Method)	45 mm/1st Hour	0 - 10 mm/1st hr
Total Count		
Total RBC Count	3.09 X 10 ¹² /L	Male: 5 ± 0.5 X 10 ¹² /L Female: 4.3 ± 0.5 X 10 ¹² /L
Total Platelet Count	↓ 15 X 10 ⁹ /L	150 - 450 X 10 ⁹ /L
Total WBC Count	4.8 X 10 ⁹ /L	7.0 ± 3.0 X 10 ⁹ /L
Differential Count		
Neutrophils	57 %	40 - 80 %
Lymphocytes	38 %	20 - 40 %
Monocytes	5 %	02 - 10 %
Eosinophils	0 %	01 - 06%
Basophils	0 %	<1 - 2 %
Absolute Value		
Neutrophils	2.74 X 10 ⁹ /L	2.16 - 6.04 X 10 ⁹ /L
Lymphocytes	1.82 X 10 ⁹ /L	0.60 - 3.06 X 10 ⁹ /L
Monocytes	0.24 X 10 ⁹ /L	0.00 - 0.60 X 10 ⁹ /L
Eosinophils	0.00 X 10 ⁹ /L	0.2 - 0.5 x10 ⁹ /L
Basophils	0.00 X 10 ⁹ /L	0.00 - 0.08 X 10 ⁹ /L
Others		
HCT/ PCV	26.8 L/L (%)	Male: 45 ± 05 L/L (%), Female: 41 ± 05 L/L (%)
MCV	86.7 fl	92 ± 9 fl
MCH	30.4 pg	29.5 ± 2.5 pg
MCHC	35.1 g/L	33 ± 1.5 g/L
RDW-CV	16.2 %	12.8 ± 1.2 %
RDW-SD	47.5 fl	42.5 ± 3.5 fl
MPV	11 fl	7.2 - 9.2 fl
PDW	9.7 fl	9 - 17 fl

Sign. of
Technologist

PROF. DR. MD. ABDUL AZIZ
MBBS, FCPS (Haematology)
Professor
Dept. of Haematology, BSMMU.

Software by
www.eict.com.bd




BLOOD REPORT

Patient ID : **H 7794** Bill No: **77880** Req.Date: **AUG 03, 24** Delivery Date: **AUG 03, 24**
Patient Name: **KALPONA DEBNATH** Sex: **F** Age: **61Y 0M 0D** Post: **467** **AUG 03, 24 07:12 PM**
Nature of Examination: **C.B.C, ESR (Westergren)** Print: **467** **AUG 04, 24 07:36 AM**

HAEMATOLOGY REPORT

Estimations are carried out by **SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN2000)**

Test Name	Result	Normal Range
Haemoglobin	12.6 g/dl	Male : 15 ± 2 gm/dl, Female : 13.5 ± 1.3 gm/dl
ESR (Westergren Method)	10 mm/1st Hour	0 - 10 mm/1st hr
Total Count		
Total RBC Count	4.23 X 10 ¹² /L	Male: 5 ± 0.5 X 10 ¹² /L Female: 4.3 ± 0.5 X 10 ¹² /L
Total Platelet Count	35 X 10 ⁹ /L	150 - 450 X 10 ⁹ /L
Total WBC Count	6 X 10 ⁹ /L	7.0 ± 3.0 X 10 ⁹ /L
Differential Count		
Neutrophils	81 %	40 - 80 %
Lymphocytes	14 %	20 - 40 %
Monocytes	5 %	02 - 10 %
Eosinophils	0 %	01 - 06%
Basophils	0 %	<1 - 2 %
Absolute Value		
Neutrophils	4.86 X 10 ⁹ /L	2.16 - 6.04 X 10 ⁹ /L
Lymphocytes	0.84 X 10 ⁹ /L	0.60 - 3.06 X 10 ⁹ /L
Monocytes	0.3 X 10 ⁹ /L	0.00 - 0.60 X 10 ⁹ /L
Eosinophils	0.00 X 10 ⁹ /L	0.2 - 0.5 x10 ⁹ /L
Basophils	0.00 X 10 ⁹ /L	0.00 - 0.08 X 10 ⁹ /L
Others		
HCT/ PCV	36.1 L/L (%)	Male: 45 ± 05 L/L (%), Female: 41 ± 05 L/L (%)
MCV	85.3 fl	92 ± 9 fl
MCH	29.8 pg	29.5 ± 2.5 pg
MCHC	34.9 g/L	33 ± 1.5 g/L
RDW-CV	16.4 %	12.8 ± 1.2 %
RDW-SD	42.6 fl	42.5 ± 3.5 fl
MPV	8.2 fl	7.2 - 9.2 fl
PDW	9.4 fl	9 - 17 fl


Dr. Al Amin Sabuj
MD Phase-B (Haematology)
Dept. of Haematology
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Signature of
Technologist

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DEPARTMENT OF HAEMATOLOGY
ডিপার্টমেন্ট অব হেমাটোলজী
Bangabandhu Sheikh Mujib Medical University
বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Shahbag, Dhaka-1000, Bangladesh

BLOOD REPORT

Patient ID : H 7331 Bill No: 77520 Req.Date: AUG 01, 24 Delivery Date: AUG 01, 24
Patient Name: KALPANA DEBNATH Sex: M Age: 61Y 0M 0D Post: 461 AUG 01, 24 07:18 PM
Nature of Examination: C.B.C, ESR (Westergren), Reticulocyte Print: 714 AUG 03, 24 09:11 AM

Estimations are carried out by SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN2001)

Test Name	Result	Normal Range
Reticulocyte Panel		
Absolute Reticulocyte count (ARC)	123 X 10 ⁹ /L	25 - 100 X 10 ⁹ /L
Reticulocyte count %	2.6%	Adult: <2.5%, New born baby: (0.1 - 4.0)%
Corrected Ret. Count/RI	2.57%	
Ret. Production Index (RPI)	2.54%	
Immature Ret. Fraction (IRF)	17.4%	3.4 - 17 %
Low Frequency Ret	82.6%	27 - 33 pg
Medium Frequency Ret	12.8%	27 - 33 pg
High Frequency Ret	4.6%	27 - 33 pg
Ret. Haemoglobin content	38.7 pg	27 - 33 pg

Sign. of
Technologist

প্রতিলিপি রিপোর্ট

DR. AMIN LU'TUL KA SIKR
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DEPARTMENT OF HAEMATOLOGY
ডিপার্টমেন্ট অব হেমাটোলজী
Bangabandhu Sheikh Mujib Medical University
বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Shahbag, Dhaka-1000, Bangladesh

BLOOD REPORT

Patient ID : **H 7980** Bill No: **54712** Req.Date: **JUN 10, 24** Delivery Date: **JUN 10, 24**
Patient Name: **KOLPONA DEBNATH** Sex: **F** Age: **61Y 0M 0D** Post: **034** **JUN 10, 24 01:24 PM**
Nature of Examination: **Reticulocyte** Print: **928** **JUN 10, 24 03:02 PM**

HAEMATOLOGY REPORT


Estimations are carried out by **SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN210)**

Test Name	Result	Normal Range
Reticulocyte Panel		
Absolute Reticulocyte count (ARC)	78 X 10 ⁹ /L	25 - 100 X 10 ⁹ /L
Reticulocyte count %	3.95 %	Adult: <2.5%, New born baby: (0.1 - 4.0)%
Corrected Ret. Count/RI	0 %	
Immature Ret. Fraction (IRF)	29.8 %	3.4 - 17 %
Ret. Haemoglobin content	37.3 pg	27 - 33 pg

$$\begin{aligned} RPI &= \frac{3.95\% \times \frac{34}{45}}{2} \\ &= \underline{\underline{1.5}} \end{aligned}$$

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Assistant Professor



DEPARTMENT OF HAEMATOLOGY
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Shahbag, Dhaka-1000, Bangladesh

BLOOD REPORT

Patient ID : H 7331 Bill No: 77520 Req.Date: AUG 01, 24 Delivery Date: AUG 01, 24
Patient Name: KALPANA DEBNATH Sex: M Age: 61Y 0M 0D Post: 461 AUG 01, 24 07:48 PM
Nature of Examination: C.B.C, ESR (Westergren), Reticulocyte Print: 714 AUG 03, 24 09:11 AM

HAEMATOLOGY REPORT

Estimations are carried out by SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN2001)


Test Name	Result	Normal Range
Haemoglobin	13.7 g/dl	Male : 15 ± 2 gm/dl, Female : 13.5 ± 1.3 gm/dl
ESR (Westergren Method)	10 mm/1st Hour	0 - 10 mm/1st hr
Total Count		
Total RBC Count	4.71 X 10 ¹² /L	Male: 5 ± 0.5 X 10 ¹² /L Female: 4.3 ± 0.5 X 10 ¹² /L
Total Platelet Count	15 X 10 ⁹ /L	150 - 450 X 10 ⁹ /L
Total WBC Count	4 X 10 ⁹ /L	7.0 ± 3.0 X 10 ⁹ /L
Differential Count		
Neutrophils	57 %	40 - 80 %
Lymphocytes	35 %	20 - 40 %
Monocytes	6 %	02 - 10 %
Eosinophils	2 %	01 - 06%
Basophils	0 %	<1 - 2 %
Absolute Value		
Neutrophils	2.28 X 10 ⁹ /L	2.16 - 6.04 X 10 ⁹ /L
Lymphocytes	1.4 X 10 ⁹ /L	0.60 - 3.06 X 10 ⁹ /L
Monocytes	0.24 X 10 ⁹ /L	0.00 - 0.60 X 10 ⁹ /L
Eosinophils	0.08 X 10 ⁹ /L	0.2 - 0.5 x10 ⁹ /L
Basophils	0.00 X 10 ⁹ /L	0.00 - 0.08 X 10 ⁹ /L
Others		
HCT/ PCV	39.5 L/L (%)	Male: 45 ± 05 L/L (%), Female: 41 ± 05 L/L (%)
MCV	83.9 fl	92 ± 9 fl
MCH	29.1 pg	29.5 ± 2.5 pg
MCHC	34.7 g/L	33 ± 1.5 g/L
RDW-CV	16.4 %	12.8 ± 1.2 %
RDW-SD	40.8 fl	42.5 ± 3.5 fl
MPV	0.0 fl	7.2 - 9.2 fl
PDW	0.0 fl	9 - 17 fl

Blood Film:

RBC: Normocytic normochromic .
WBC: Mature with above count and distribution.
Platelets: Reduced.
Comments: Thrombocytopenia.

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DEPARTMENT OF HAEMATOLOGY
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Shahbag, Dhaka-1000, Bangladesh

BLOOD REPORT

Patient ID :H 6370 Bill No: 77748 Req.Date: JUL 30, 24 Delivery Date: JUL 30, 24
Patient Name: KOLPONA DEBNATH Sex: F Age: 61Y 0M 0D Post: 714 JUL 30, 24 10:41 AM
Nature of Examination:C.B.C, ESR (Westergren) Print: 467 JUL 30, 24 04:08 PM

HAEMATOLOGY REPORT

Estimations are carried out by SYSMEX 6-Part Diff. Automated Hematology Analyzer (Model: XN2000)

Test Name	Result	Normal Range
Haemoglobin	12.6 g/dl	Male : 15 ± 2 gm/dl, Female : 13.5 ± 1.3 gm/dl
ESR (Westergren Method)	10 mm/1st Hour	0 - 10 mm/1st hr
Total Count		
Total RBC Count	4.35 X 10 ¹² /L	Male: 5 ± 0.5 X 10 ¹² /L Female: 4.3 ± 0.5 X 10 ¹² /L
Total Platelet Count	25 X 10 ⁹ /L	150 - 450 X 10 ⁹ /L
Total WBC Count	3.5 X 10 ⁹ /L	7.0 ± 3.0 X 10 ⁹ /L
Differential Count		
Neutrophils	57 %	40 - 80 %
Lymphocytes	35 %	20 - 40 %
Monocytes	8 %	02 - 10 %
Eosinophils	0 %	01 - 06%
Basophils	0 %	<1 - 2 %
Absolute Value		
Neutrophils	2 X 10 ⁹ /L	2.16 - 6.04 X 10 ⁹ /L
Lymphocytes	1.23 X 10 ⁹ /L	0.60 - 3.06 X 10 ⁹ /L
Monocytes	0.28 X 10 ⁹ /L	0.00 - 0.60 X 10 ⁹ /L
Eosinophils	0.00 X 10 ⁹ /L	0.2 - 0.5 x10 ⁹ /L
Basophils	0.00 X 10 ⁹ /L	0.00 - 0.08 X 10 ⁹ /L
Others		
HCT/ PCV	37.5 L/L (%)	Male: 45 ± 05 L/L (%), Female: 41 ±05 L/L (%)
MCV	86.2 fl	92 ± 9 fl
MCH	29 pg	29.5 ± 2.5 pg
MCHC	33.6 g/L	33 ± 1.5 g/L
RDW-CV	16.5 %	12.8 ± 1.2 %
RDW-SD	43 fl	42.5 ± 3.5 fl
MPV	9.1 fl	7.2 - 9.2 fl
PDW	10.5 fl	9 - 17 fl

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BIRDEM GENERAL HOSPITAL

Bangladesh Institute of Research and Rehabilitation
In Diabetes, Endocrine and Metabolic Disorders
LABORATORY SCIENCE DIVISION

CLINICAL BIOCHEMISTRY REPORT

MIR No : 24071057558 Receiving Date : 24/07/2024 Reporting Date : 24/07/2024, 05:33 PM
Lab No : 43863 DAB Ref :
Name : Kplpona Debnath Age : 61 Y Sex : F
Mobile : 01744588815 NID : Passport No :
Ref.By : n

Specimen for Examination : Blood

Counter : B1

Investigation : Glucose (Random), S.ALT (SGPT), S.Creatinine

Tests	Result	Unit	Ref. Range
P Glucose (Random)	10.1	mmol/L.	< 7.8
S.ALT (SGPT)	24	U/L.	Upto 40
S. Creatinine	1.0	mg/dl	Adult: 0.67 - 1.3, Child: 0.30 - 0.7

Md. Mozibur Rahman
Senior Experimental Officer
Clinical Biochemistry

Md. Morshed Alam Khan
B.Sc(Hons), M.Sc (Biochemistry)
Scientific Officer
General Laboratory, BIRDEM



ARMED FORCES INSTITUTE OF PATHOLOGY

DHAKA CANTONMENT, DHAKA, BANGLADESH
(RECIPIENT OF THE INDEPENDENCE DAY AWARD-1987)
Tel : 9836600, 9836602, 01769034230 (0800-1430 hrs) 01769016616 (Reception)
01769016618 (Duty Pathologist) 01769016652 (Blood Bank) Fax: 88 02 9836634
E-mail : afipdhaka@y.ahow.com, Website : www.afip.mil.bd

Bill No	: C24842840	Date:	02.07.2024
Name	: KOLPONA DEVNATH		
Age	: 61 Y	Sex :	FEMALE
Referred by	: BANGABANDHU SHEIKH MUJIB MEDICAL UNIVERSITY HOSPITAL		
Nature of the Specimen:	Peripheral Blood		

FLOW CYTOMETRY REPORT-PNH EVALUATION

Antibodies : Immunophenotypic analysis was performed using gating antibodies CD59 and CD55

Flow Results :

Cell type	Deficiency	Result
Red blood cells	Type-I (Normal CD59 expression)	99.70 %
	Type-II (Partial CD59 deficiency)	0.30 %
	Type-III (Complete CD59 deficiency)	
Granulocytes	Type-I (Normal CD59 expression)	99.79 %
	Type-II (Partial CD59 deficiency)	0.21 %
	Type-III (Complete CD59 deficiency)	
Red blood cells	Type-I (Normal CD55 expression)	99.92 %
	Type-II (Partial CD55 deficiency)	0.08 %
	Type-III (Complete CD55 deficiency)	
Granulocytes	Type-I (Normal CD55 expression)	98.64 %
	Type-II (Partial CD55 deficiency)	1.36 %
	Type-III (Complete CD55 deficiency)	

Diagnosis : WBC : PNH clone identified (0.78 %)

RBC : PNH clone identified (0.19 %)

Comment : Flow cytometric analysis shows a 0.19 % PNH clone within the RBCs and 0.78 % within granulocytes. These findings are not consistent with the diagnosis of paroxysmal nocturnal haemoglobinuria (PNH). The difference in clone size between the white blood cells and the red blood cells may be due to hemolysis and/or recent transfusion / treatment.

Lt Col Md Shameem Montasir
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Classified Specialist in Pathology
For Commandant
AFIP, Dhaka Cantt.

Lt Col Monwar Tarek
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Maj Gen Nishat Jubaida
MBBS, DCP, FCPS (Microbiology)
Commandant
AFIP, Dhaka Cantt.

NB: This institute remains open round the clock including holidays.



Identity No.	00004952	Visit Date	15 June, 2024
Patient Name	Kolpona Debnath	Age / Sex	61 / Female
History	N/A	Instrument	N/A
Referrer	N/A	Bed	OPD

ENDOSCOPIC PROCEDURE REPORT



Procedure : ENDOSCOPY OF UPPER GIT

Indication : Anemia under evaluation

Medication : Jasocain jelly

Findings:

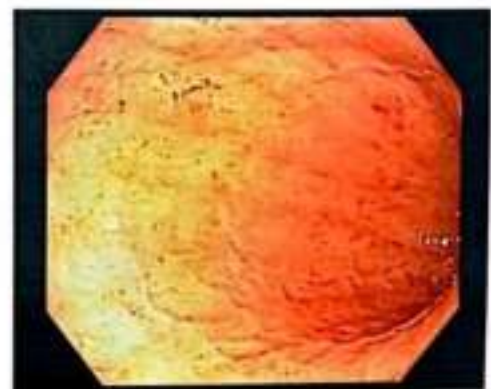
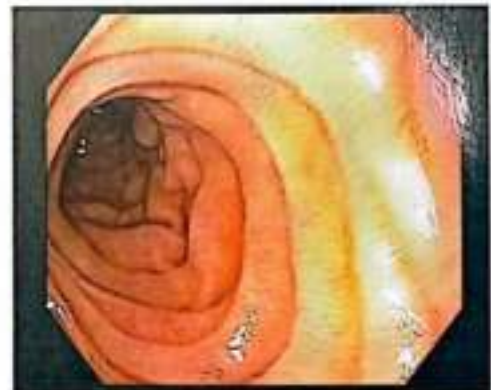
Oesophagus : Mucosa, vascular pattern, lumen and peristalsis appears normal. No varix seen.

Stomach : Multiple erythema and erosions seen at fundus and body. Antrum shows multiple linear vascular ectasia with erosions. No fundal varix seen.

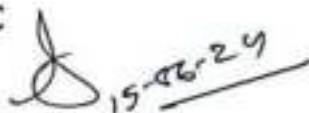
Duodenum : Bulb and post bulbar areas are normal.

Biopsy : Not Taken .

Comment : Erosive gastritis with antral vascular ectasia.



Adv: APC

✓  15-06-24

Prof. Dr. Md. Razibul Alam

MBBS, MD (Gastro)

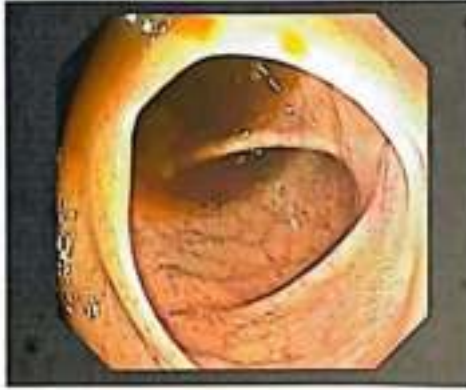
Professor

Dept. Of Gastroenterology, BSMMU



Identity No.	00004954	Visit Date	15 June, 2024
Patient Name	Kolpona Debnath	Age / Sex	61 / Female
History	N/A	Instrument	N/A
Referrer	N/A	Bed	OPD

ENDOSCOPIC PROCEDURE REPORT



Procedure : COLONOSCOPY

Indication : N/A

Medication : Jasocain jelly

Findings:

Peri-anal region : Normal.

Anal canal : Normal

Colo-rectum & terminal ileum : Seen up to 15 cm of terminal ileum. Mucosa, vascular pattern and lumen of the rectum and colon appears normal although including the terminal ileum

Biopsy : Not taken.

COMMENTS : Normal colo-rectum and terminal ileum at ileocolonoscopy.



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DEPARTMENT OF BIOCHEMISTRY & MOLECULAR BIOLOGY
বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Bangabandhu Sheikh Mujib Medical University
Shahbag Avenue, Dhaka-1000, Bangladesh

BIOCHEMISTRY REPORT

Invoice No : G2441/240610 Invoice Date : 10/06/24 Delivery Date : 11/06/24 Report No : 12406059591
Patient Name : KOLPONA DEBONATH Age : 61 Y Gender : Female
Referred By : BSMMU HOSPITAL **Paid**

Sample : BLOOD LAB. No : 12406648498
Tests : LDH Serum, Iron Serum, Total Iron Binding Capacity (TIBC) Blood

Test is carried out by automated analyzer: Alinity ci

Test	Result	Reference Value
LDH	160 U/L	120 - 246 U/L
Total Iron Binding Capacity (TIBC)	202 µg/dL	250 - 425 µg/dL
Iron	103 µg/dL	Male : 65 - 175 µg/dL Female: 50 - 170 µg/dL

Done By :: MD. NASAR UDDIN
Medical Technologist

DR. KANA SULTANA
MBBS,
Medical Officer



DEPARTMENT OF BIOCHEMISTRY & MOLECULAR BIOLOGY
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Bangabandhu Sheikh Mujib Medical University
Shahbag Avenue, Dhaka-1000, Bangladesh



HORMONE REPORT



Invoice No : G2441/240610 Invoice Date : 10/06/24 Delivery Date : 11/06/24 Report No : 12406059590
Patient Name : KOLPONA DEBONATH Age : 61 Y Gender : Female
Referred By : BSMMU HOSPITAL. **Paid**

Sample : BLOOD LAB. No : 12406548458
Tests : Ferritin, Serum Vit B-12, Folic Acid (Folate)

Test is carried out by automated analyzer: Alinity ci

Test	Result	Reference Value
Ferritin	469.09 ng/mL	Female 22-120 ng/mL Male 30-300 ng/mL Children 07-140 ng/mL
Serum Folate	5.4 ng/mL	2.7 - 16.1 ng/mL
Serum Vit. B-12	273.00 pg/mL	239 - 931 p gm/mL

Done By :: MD. NASAR UDDIN
Medical Technologist

DR. KANA SULTANA
MBBS,
Medical Officer

Print by & Date :: APU on 10/06/2024 04:07:40 PM

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DEPARTMENT OF BIOCHEMISTRY & MOLECULAR BIOLOGY
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Shahbag Avenue, Dhaka-1000, Bangladesh



HORMONE REPORT



Invoice No : G3379/240608 Invoice Date : 08/06/24 Delivery Date : 09/06/24 Report No : 12406054858
Patient Name : KOLPONA DABNATH Age : 61 Y Gender : Male
Referred By : BSMMU HOSPITAL **Paid**

Sample : BLOOD LAB. No : 12406642852
Tests : CEA, CA-19.9, Ferritin, TSH

Test is carried out by automated analyzer: Alinity ci

Test	Result	Reference Value
CEA	2.55 ng/ml	<5.0 ng/ml
TSH	3.00 mIU/L	0.55-4.78 mIU/L
Ferritin	554.62 ng/mL	Female 22-120 ng/mL Male 30-300 ng/mL Children 07-140 ng/mL
Serum CA 19-9	11.0 U/ml	< 37.0 U/ml



BIOCHEMISTRY REPORT



Invoice No : G3379/240608 Invoice Date : 08/06/24 Delivery Date : 09/06/24 Report No : 12406054859
Patient Name : KOLPONA DABNATH Age : 61 Y Gender : Male
Referred By : BSMMU HOSPITAL Paid

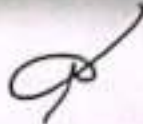
Sample : BLOOD. LAB. No : 12406642851, 12406642852

Tests : Bilirubin (T), Glucose Random Blood, Electrolytes Serum, ALT (SGPT) Blood, AST (SGOT) Blood, Alkaline Phosphatase Serum, Albumin Serum, Creatinine Serum, Serum Calcium

Test is carried out by automated analyzer: Atellica, Siemens Germany, Alinity ci

Test	Result	Reference Value
Bilirubin		
Bilirubin (T)	0.5 mg/dL	0.2 - 1.2 mg/dL Neonate(up to 15 days): <15.0 mg/dL
Plasma Glucose		
Random	7.7 mmol/L	< 7.8 mmol/L
S. Electrolytes		
Sodium	130 mmol/L	135 - 145 mmol/L
Potassium	4.0 mmol/L	3.5 - 5.1 mmol/L
Chloride	100 mmol/L	95 - 107 mmol/L
T-CO ₂	22.0 mmol/L	22 - 30 mmol/L
Creatinine	0.69 mg/dL	Male: 0.6 - 1.3 mg / dl Female: 0.5-1.2 mg / dl Up to 15 years: M <0.9 mg/dl F <0.7 mg/dl
Calcium	8.3 mg/dl	8.5 - 10.5 mg/dL
Alkaline Phosphatase	90 U/L	Adult : 40 - 150 U/L Children : < 500 U/L
AST (SGOT)	27 U/L	Adult: 5 - 34 U/L
ALT (SGPT)	19 U/L	Adult: 0 - 55 U/L
Albumin	38 gm/L	35 - 50 gm/L

Done By :: MD. MOTIUR RAHMAN
Medical Technologist


DR. NAILA ATIK KHAN.
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Research Assistant.



বঙ্গবন্ধু শেখ মুজিব মেডিক্যাল বিশ্ববিদ্যালয়
Bangabandhu Sheikh Mujib Medical University

DEPARTMENT OF LABORATORY MEDICINE

HAEMATOLOGY REPORT

Invoice No : O6209 Invoice Date : 08/06/24 Delivery Date : 08/06/24 Report No : 12406613646
Patient Name : KOLPONA DEBMATH Age : 61Y Gender : Female
Referred By : SELF

Sample : BLOOD LAB No : 12406749488
Tests : CBC & PBF

Processed by Automated Analyzer (Mindray BC-6800 Plus) And Re-Checked Manually.

Test	Result	Reference Value
Haemoglobin	6.7 g/dl	13-17(M), 11.5-16(F) g/dl
ESR	31 mm in 1st hour	
TOTAL COUNT		
White Blood Cells (WBC)	2.5 X 10 ⁹ /L	4.5-11.0 X 10 ⁹ /L
Red Blood Cells (RBC)	2.2 X 10 ¹² /L	4.5-5.5 X 10 ¹² /L
Platelets	40 X 10 ⁹ /L	150 - 450 X 10 ⁹ /L
DIFFERENTIAL COUNT		
Neutrophil	50 %	40 - 75 %
Lymphocytes	43 %	20 - 50 %
Monocyte	05 %	02-10 %
Eosinophil	02 %	01-06 %
ABSOLUTE INDICES		
PCV (HCT)	19.7 %	40-54 %
MCV	89.8 fl	80 - 96 fl
MCH	29.7 pg	27 - 32 pg
MCHC	34.0 g/dl	31 - 35 g/dl
RDW-CV	14.3 %	11.6 - 14.0 %
RDW-SD	44.1 fl	39 - 46 fl
MPV	8.7 fl	7.2 - 9.2 fl
PDW	16.9 fl	9-17 fl

NB. Haematological Parameters are Variable According Age and Sex.

Comments :

PBF:
RBC-Normochromic and normocytic.
WBC-Mature with decreased in total count with normal distribution
Platelets-Decreased.
Malarial parasite- Not found
Comments: Pancytopenia.
Adv: History & clinical correlation.
Repeat after treatment.

