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DEPARTMENT OF LABORATORY MEDICINE



Patient Name	: MRS. MARIA RAHMAN	Sample No	: 400076819
Invoice/Order No	: OPK/24/17898	Collected	: 06/04/2024 4:09PM
UHID/IP No	: 400065111 / 4802	Received	: 06/04/2024 5:43PM
Age/Gender/DOB	: 30 Yrs/Female / 06/04/1994	Released	: 06/04/2024 9:55PM
Contact No	: 01924788054	Report Status	: Final
Invoice Date	: 06/04/2024 3:34PM	Bed No/Ward	: OPD
Diagnostic BillNo	:	Sample Type	: Whole Blood (EDTA)
Referred By	: SELF		

HAEMATOLOGY

Test Name	Result	Unit	Reference Intervals	Method
CBC				
Red Blood Cells				
Haemoglobin	11.4 L	g/dL	11.5 - 15.0	SLS-Hb Method
Total RBC	3.88	X 10 ¹² /L	3.80 - 4.80	Impedance
ESR	19	mm in1st.H	0 - 38	Capillary
PCV / Hct	34.4 L	%	36 - 46	CPHD
MCV	88.7	fL	81-101	Calculated
MCH	29.4	pg	27-32	Calculated
MCHC	33.2	g/dL	30-35	Calculated
RDW-CV	13.5	%	11.5-14.0	Calculated
Platelets				
Platelets Count	160	X 10 ⁹ /L	150 - 450	Impedance
MPV	11.90	fL	7.50-12.0	Calculated
PCT	0.178	%	0.11-0.29	Calculated
White Blood Cells				
Total WBC	2.0 L	X 10 ⁹ /L	4.0 - 11.0	Fluorescence Flow Cytometry
Absolute Counts				
Neutrophils	2.00	X 10 ⁹ /L	2.0-7.0	Fluorescence Flow Cytometry
Lymphocytes	1.00	X 10 ⁹ /L	1.0-3.0	Fluorescence Flow Cytometry
Monocytes	0.18	X 10 ⁹ /L	0.2-1.0	Fluorescence Flow Cytometry
Eosinophils	0.03	X 10 ⁹ /L	0.02-0.5	Fluorescence Flow Cytometry
Basophils	0.00	X 10 ⁹ /L	0.02-0.1	Fluorescence Flow Cytometry
Differential Counts				
Neutrophils	67	%	40 - 75	Fluorescence Flow Cytometry
Lymphocytes	24	%	20 - 40	Fluorescence Flow Cytometry
Monocytes	08	%	02-10	Fluorescence Flow Cytometry
Eosinophils	01	%	01-06	Fluorescence Flow Cytometry
Basophils	00	%	< 01	Fluorescence Flow Cytometry

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Abu Naser Md Nurul Amin
Medical TechnologistDr. S M Masud
MBBS,BCS(Health), DCP(BSMMU).
Consultant,LABAID LTD.

Printed By & Date Time : 19280 06/04/2024 22:00

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Patient Name	: MRS. MARIA RAHMAN	Sample No	: 400076818
Invoice/Order No	: OPK/24/17898	Collected	: 06/04/2024 4:09PM
UHID/IP No	: 400065111 / 4802	Received	: 06/04/2024 7:24PM
Age/Gender/DOB	: 30 Yrs/Female / 06/04/1994	Released	: 06/04/2024 9:03PM
Contact No	: 01924788054	Report Status	: Final
Invoice Date	: 06/04/2024 3:34PM	Bed No/Ward	: OPD
Diagnostic BillNo	:	Sample Type	: Urine
Referred By	: SELF		

CLINICAL PATHOLOGY

Test Name	Result	Unit	Reference Intervals	Method
URINE R/M/E SPECIAL				
PHYSICAL EXAMINATION				
Appearance	Clear			Wave Length Reflectance Photometric
Colour	Pale Yellow			
CHEMICAL EXAMINATION				
Bilirubin	Negative		Negative	
Urobilinogen	Normal		Normal	
Ketone Bodies	Negative		Negative	
Glucose	Negative		Absent	
Protein	Negative		Absent	
pH	6.5	-	4.5 - 8.0	
Nitrate	Negative		Negative	
Specific Gravity	1.004		1.005 - 1.025	
MICROSCOPIC EXAMINATION				
Red Blood Cells	0	P/μl	0 - 5	Automated Image Evaluation
Dysmorphic RBC	0	P/μl	0 - 5	
Pus cells/WBC	2	P/μl	0 - 9	
White Blood Cells Clumps	0	P/μl	0 - 9	
Squamous Epithelial Cells	7 H	P/μl	0 - 5	
Yeast	0	P/μl	0 - 3	
Spermatozoa	0	P/μl	0 - 12	
Casts-Hyalin	0	P/μl	0 - 2	
Casts-Granular	0	P/μl	0 - 2	
Casts-WBC	0	P/μl	0 - 2	
Crystals Calcium-Oxalate	0	P/μl	0 - 6	
Crystals Triple-Phosphate	0	P/μl	0 - 1	
Crystal Uric acid	0	P/μl	0 - 2	
Crystal Amorphous Urate	0	P/μl	0 - 6	

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Shah Alam
Medical Technologist

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DEPARTMENT OF LABORATORY MEDICINE



Patient Name	: MRS. MARIA RAHMAN	Sample No	: 400076817
Invoice/Order No	: OPK/24/17898	Collected	: 06/04/2024 4:09PM
UHID/IP No	: 400065111 / 4802	Received	: 06/04/2024 5:45PM
Age/Gender/DOB	: 30 Yrs/Female / 06/04/1994	Released	: 06/04/2024 7:33PM
Contact No	: 01924788054	Report Status	: Final
Invoice Date	: 06/04/2024 3:34PM	Bed No/Ward	: OPD
Diagnostic BillNo	:	Sample Type	: Serum
Referred By	: SELF		

SEROLOGY

Test Name	Result	Unit	Reference Intervals	Method
Dengue NS1 Ag	Negative (-ve)			Immunochromatography

- Note:**
- Dengue NS1 antigen test is an in vitro immunochromatographic, one step assay designed to detect dengue virus NS1 antigen.
 - All cases reported positive with rapid diagnostic kits are classified as probable cases.
 - Specific alternative diagnostic methods must be used to obtain a confirmation of dengue virus infection. This may include isolation of virus, antigen detection in fixed tissues, RT-PCR and serological testing such as haemagglutination inhibition.
 - Recommended test is NS1 Antigen by ELISA in the first 5 days of fever. After 7-10 days of fever, the recommended test is Dengue antibodies IgG and IgM by ELISA.

Comments: Dengue viruses belong to the family Flaviviridae and have 4 subtypes (1-4). Dengue virus is transmitted by the mosquito *Aedes aegypti* and *Aedes albopictus*, widely distributed in Tropical and Subtropical areas of the world. Dengue is considered to be the most important arthropod borne viral disease due to the human morbidity and mortality it causes. The disease may be subclinical, self limiting, febrile or may progress to a severe form of Dengue hemorrhagic fever or Dengue shock syndrome. NS1 antigen is present in high concentrations in the sera of Dengue infected patients during early clinical phase of the disease. It is detected from the 1st to 9th day after the onset of fever in case of both Primary & Secondary Dengue

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