LABORATORY TEST REPORT

Regn Date	: 18/09/2019 09:35	Sample Collection	: 18/09/2019 09:36
Name	: **MR. NARENDRA NATH LAL**	Print Date	: 18/09/2019 20:06
Regn No	: **461921238**	Age / Sex	: **70 Years** / **Male**
Ref By	: Dr. KAMARAJU C	Regn Centre	: Nizampet - 46
Sample Type	: Whole Blood - EDTA	Ref no.	:

MALARIA PARASITE V & F / ANTIGEN METHOD (RAPID)

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVAL
Plasmodium falciparum *Method : Immunochromatography*	: Negative	NA
Plasmodium vivax *Method : Immunochromatography*	: Negative	NA

Comments / Interpretation :

- Positive test result indicates the infestation of Malarial parasite.

- This is only screening test. The results are to be interpreted within epidemiological, clinical & therapeutic context.

- Even after successful antimalarial therapy the clearance of parasite may take longer and reaction of the test may remain positive.
  In such cases, test should be repeated after 5 to 10 days of start of treatment.

Certificate # MC-2657

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3-6-16 & 17, Street No. 19, Himayatnagar, Hyderabad - 500 029

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Sample Type	: Serum		Ref no.	:

Anti - Dengue IgG & IgM Antibodies

TEST NAME		RESULT	BIOLOGICAL REFERENCE INTERVAL
Anti - Dengue IgG Antibodies	:	Negative (0.29)	NA
Method : Enzyme Linked Immunosorbent Assay (ELISA)			
Anti - Dengue IgM Antibodies	:	Negative (0.58)	NA
Method : Enzyme Linked Immunosorbent Assay (ELISA)			

Interpretation:

DENGUE IgG:

Negative   <1.8 index   Absence of Dengue IgG antibodies or antibodies have not yet reached detectable
levels.

Equivocal   1.8-2.2 index   May be due to low levels of IgG antibodies / nonspecific binding reactions.
Repeat the test with a second sample after 5-10 days, if clinically indicated.

Positive   >2.2 index   Presence of detectable elevated dengue IgG antibodies.

DENGUE IgM:

Negative   <0.9 index   No detectable IgM antibody. Repeat the test with a second sample after 7-14 days
or screen for Dengue NS1 antigen, IgG antibody assays, if clinically indicated.

Equivocal   0.9-1.1 index   May be due to low levels of IgM antibodies / nonspecific binding reactions. Repeat the test
with a second sample after 7-14 days, if clinically indicated.

Positive   >1.1 index   Presence of detectable dengue IgM antibody.

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* In case of Equivocal test results, recommended to repeat the test after 7-14 days, if clinically indicated.
* Cross reactions may occur with other members of Flaviviridae family.
* The test result must be interpreted with clinical signs and symptoms of the patient as well as with the other Laboratory findings.

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Ref By	: Dr. KAMARAJU C		Regn Centre	: Nizampet - 46
Sample Type	: Whole Blood - EDTA		Ref no.	:

COMPLETE BLOOD PICTURE (CBP)

TEST NAME		RESULT	BIOLOGICAL REFERENCE INTERVAL
Haemoglobin *Photometric measurement*	:	**11.1**	13.0 - 17.0 g/dL
Total RBC Count *Coulter Principle*	:	**4.22**	4.5 - 5.5 millions/cumm
Packed Cell Volume / Hematocrit *Calculated*	:	**34.90**	40.0 - 50.0 Vol%
MCV *Derived from RBC Histogram*	:	**82.70**	83.0 - 101.0 fl
MCH *Calculated*	:	**26.30**	27 - 32 pg
MCHC *Calculated*	:	31.80	31.5 - 34.5 gm/dL
RDW *Derived from RBC Histogram*	:	**15.7**	11.6 - 14.0 %
Total WBC Count *Coulter Principle*	:	9500	4000 - 10000 Cells/cumm
Differential count			
Neutrophils *VCSn Technology / Microscopy*	:	70	40 - 80 %
Lymphocytes *VCSn Technology / Microscopy*	:	**14**	20 - 40 %
Eosinophils *VCSn Technology / Microscopy*	:	5	1 - 6 %
Monocytes *VCSn Technology / Microscopy*	:	10	2 - 10 %
Basophils *VCSn Technology / Microscopy*	:	1	0 - 2 %
Absolute Leucocyte Count			
Absolute Neutrophil Count *Method : Calculation*	:	6650	2000 - 7000 Cells/cumm
Absolute Lymphocyte Count *Method : Calculation*	:	1330	1000 - 3000 Cells/cumm
Absolute Eosinophil Count *Method : Calculation*	:	475	20 - 500 Cells/cumm
Absolute Monocyte Count *Method : Calculation*	:	950	200 - 1000 Cells/cumm

NABL Accredited

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Sample Type	: Whole Blood - EDTA		Ref no.	:

COMPLETE BLOOD PICTURE (CBP)

TEST NAME		RESULT	BIOLOGICAL REFERENCE INTERVAL
Platelet Count *Coulter Principle*	:	215000	150000 - 410000 /cumm
Peripheral Smear			
RBC *Microscopy : Leishman stain/Modified Giemsa Stain*	:	Normocytic Normochromic with anisocytosis	
WBC *Microscopy : Leishman stain/Modified Giemsa Stain*	:	Normal in morphology,maturity and distribution	
Platelets *Microscopy : Leishman stain/Modified Giemsa Stain*	:	Adequate	

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Ref By	: Dr. KAMARAJU C	Regn Centre	: Nizampet - 46
Sample Type	: Serum	Ref no.	:

Dengue NS1 Antigen

TEST NAME	RESULT	BIOLOGICAL REFERENCE INTERVAL
Dengue NS1 Antigen	: Negative (0.24)	NA

Method : Enzyme Linked Immunosorbent Assay (ELISA)

Interpretation :

Negative	<0.9 Index	No detectable Dengue NS1 Antigen.

Equivocal	0.9-1.1 Index	Suggestive of low levels of NS1 antigen/ non specific binding. Retest with a fresh sample after 3-5 days, if clinically indicated.

Positive	>1.1 Index	Presence of detectable Dengue NS1 antigen. Other Dengue serology assays (IgG & IgM) should be preformed for confirmation.

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* This test is for the qualitative detection of NS1 antigen in serum of patients with symptoms consistent with Dengue fever.
* This test should not be used as the sole criterion for the confirmation of Dengue infection.
* The result of this test should be considered in association with other Laboratory findings and patient symptoms.
* Negative results or suspected infections should be tested with Dengue IgG and Dengue IgM antibody detection.

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