

LPL - PSC KALKAJI
 Dr Lal Path labs Pvt. Ltd, Ground Floor,
 K-106-AB, Kalkaji, Delhi-110019



Name	: Master VAIBHAV KHURANA	Collected	: 22/8/2018 11:33:00AM
Lab No.	: 142658964	Received	: 22/8/2018 11:46:46AM
Age:	11 Years	Reported	: 22/8/2018 9:52:29PM
Gender:	Male	Report Status	: Final
A/c Status	: P	Ref By	: SELF

Test Name	Results	Units	Bio. Ref. Interval
DENGUE FEVER ANTIGEN, NS1, EIA, SERUM (ELISA)	4.13	Index	<0.5

Interpretation

RESULT IN INDEX	REMARKS
Negative (<0.5)	No detectable Dengue NS1 antigen. The Result does not rule out Dengue infection. An additional sample should be tested for IgG & IgM serology in 7-14 days.
Equivocal (0.5-<1.0)	Repeat sample after 1 week
Positive (>=1.0)	Presence of detectable dengue NS1 antigen. Dengue IgG & IgM serology assay should be performed on follow up samples after 5-7 days of onset of fever, to confirm dengue infection.

Note: 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 fever antibodies IgG & 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.

WIDAL TEST, SERUM (Slide Agglutination)	
Salmonella typhi O (TO)	Non Reactive
Salmonella typhi H (TH)	Non Reactive
Salmonella paratyphi A, H (AH)	Non Reactive
Salmonella paratyphi B, H (BH)	Non Reactive

- Note:
1. Titres 1:80 and above of "O" antigen & 1:160 and above of "H" antigen are significant
 2. Rising titres are significant
 3. The recommended Widal test is by Tube Agglutination Method

Comments



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<p>This test measures somatic O and flagellar H antibodies against Typhoid and Paratyphoid bacilli. The agglutinins usually appear at the end of the first week of infection and increase steadily till third / fourth week after which the decline starts. A positive Widal test may occur because of typhoid vaccination or previous typhoid infection and in certain autoimmune diseases. Non specific febrile disease may cause this titre to increase (anamnestic reaction). The test may be falsely negative in cases of Enteric fever treated with antibiotics in the early stages. The recommended test specially in the first week after infection is Blood Culture.</p>			



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Test Name	Results	Units	Bio. Ref. Interval
HEMOGRAM (Electrical Impedance & VCS, Capillary photometry, Photometry)			
Hemoglobin	13.10	g/dL	11.50 - 15.50
Packed Cell Volume (PCV)	41.00	%	35.00 - 45.00
RBC Count	5.08	mill/mm ³	4.00 - 5.20
MCV	80.70	fL	77.00 - 95.00
MCH	25.80	pg	25.00 - 33.00
MCHC	32.00	g/dL	31.00 - 37.00
Red Cell Distribution Width (RDW)	15.00	%	11.50 - 14.50
Total Leukocyte Count (TLC)	4.90	thou/mm ³	5.00 - 13.00
Differential Leucocyte Count (DLC)			
Segmented Neutrophils	69.00	%	
Lymphocytes	22.20	%	
Monocytes	8.60	%	
Eosinophils	0.00	%	
Basophils	0.20	%	
Absolute Leucocyte Count			
Neutrophils	3.38	thou/mm ³	2.00 - 8.00
Lymphocytes	1.09	thou/mm ³	1.00 - 5.00
Monocytes	0.42	thou/mm ³	0.20 - 1.00
Eosinophils	0.00	thou/mm ³	0.10 - 1.00
Basophils	0.01	thou/mm ³	0.01 - 0.10
Platelet Count	124.0	thou/mm ³	150.00 - 450.00
ESR	15	mm/hr	0 - 15

Note

- As per the recommendation of International council for Standardization in Hematology, the differential leucocyte counts are additionally being reported as absolute numbers of each cell in per unit volume of blood
- Test conducted on EDTA whole blood



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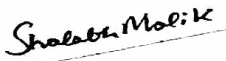
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Test Name	Results	Units	Bio. Ref. Interval
MALARIA PARASITE / BLOOD PARASITE IDENTIFICATION (Microscopy)	No MP seen in smears examined.		

Note: A Single negative smear does not rule out malaria



Dr. Shalabh Malik
 MD (Microbiology)
 National Head - Microbiology &
 Serology - NRL

UAT_QA1
 Analyst



Dr. Anil Arora
 MD (Pathology)
 HOD Hemat & Imm - NRL

-----End of report -----

IMPORTANT INSTRUCTIONS

*Test results released pertain to the specimen submitted.*All test results are dependent on the quality of the sample received by the Laboratory.
 *Laboratory investigations are only a tool to facilitate in arriving at a diagnosis and should be clinically correlated by the Referring Physician.*Sample repeats are accepted on request of Referring Physician within 7 days post reporting.*Report delivery may be delayed due to unforeseen circumstances. Inconvenience is regretted.*Certain tests may require further testing at additional cost for derivation of exact value. Kindly submit request within 72 hours post reporting.*Test results may show interlaboratory variations.*The Courts/Forum at Delhi shall have exclusive jurisdiction in all disputes/claims concerning the test(s) & or results of test(s).*Test results are not valid for medico legal purposes. *Contact customer care Tel No. +91-11-39885050 for all queries related to test results.

