

Dr. Vinay Chopra
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Chairman & Consultant Pathologist

Dr. Yugam Chopra
MD (Pathology)
CEO & Consultant Pathologist

NAME : Baby. MRIGANKA SHARMA
AGE/ GENDER : 3 YRS/FEMALE
COLLECTED BY :
REFERRED BY :
BARCODE NO. : 01522124
CLIENT CODE. : KOS DIAGNOSTIC LAB
CLIENT ADDRESS : 6349/1, NICHOLSON ROAD, AMBALA CANTT

PATIENT ID : 1692893
REG. NO./LAB NO. : 012412070047
REGISTRATION DATE : 07/Dec/2024 03:02 PM
COLLECTION DATE : 07/Dec/2024 03:09PM
REPORTING DATE : 07/Dec/2024 03:24PM

Test Name	Value	Unit	Biological Reference interval
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HAEMATOLOGY

PERIPHERAL BLOOD SMEAR FOR MALARIA

PERIPHERAL BLOOD SMEAR
FOR MALARIAL PARASITE (MP)
by MICROSCOPY

NO MALARIA PARASITE (MP) SEEN IN SMEAR EXAMINED



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BARCODE NO.	: 01522124	REPORTING DATE	: 07/Dec/2024 05:46PM
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IMMUNOPATHOLOGY/SEROLOGY

DENGUE FEVER ANTIGEN NS1 - ELISA (QUANTITATIVE)


DENGUE NS1 ANTIGEN QUANTITATIVE <i>by ELISA (ENZYME LINKED IMMUNOSORBENT ASSAY)</i>	0.3	INDEX	NEGATIVE: < 0.90 BORDERLINE: 0.90 - 1.10 POSITIVE: >=1.10
DENGUE NS1 ANTIGEN RESULT <i>by ELISA (ENZYME LINKED IMMUNOSORBENT ASSAY)</i>	NEGATIVE (-ve)		NEGATIVE (-ve)


INTERPRETATION

DENGUE ANTIGEN NS1		
VALUE	UNIT	RESULT
< 0.90	INDEX	NEGATIVE (-ve)
0.90 - 1.10	INDEX	BORDERLINE
>=1.10	INDEX	POSITIVE (+ve)

1.The test becomes positive within 0-9 days of exposure to the virus (positive results are obtained within 24 hours of exposure in the overwhelming majority of patients) and generally remains positive till 15 days after exposure. The Dengue NS-1 antigen test is extremely useful in the early diagnosis of the disease thus helping in proper follow up and monitoring of the patients.
 2.The IgM antibodies on the other hand take a minimum of 5-10 days in primary infection and 4-5 days in secondary infections to test positive and hence are suitable for the diagnosis of dengue fever only when the fever is approximately one week old.




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WIDAL SLIDE AGGLUTINATION TEST

SALMONELLA TYPHI O by SLIDE AGGLUTINATION	1 : 80	TITRE	1 : 80
SALMONELLA TYPHI H by SLIDE AGGLUTINATION	1 : 20	TITRE	1 : 160
SALMONELLA PARATYPHI AH by SLIDE AGGLUTINATION	1 : 40	TITRE	1 : 160
SALMONELLA PARATYPHI BH by SLIDE AGGLUTINATION	NIL	TITRE	1 : 160

INTERPRETATION:

1. Titres of 1:80 or more for "O" agglutinin is considered significant.
2. Titres of 1:160 or more for "H" agglutinin is considered significant.

LIMITATIONS:

1. Agglutinins usually appear by 5th to 6th day of illness of enteric fever, hence a negative result in early stage is inconclusive. The titre then rises till 3rd or 4th week, after which it declines gradually.
2. Lower titres may be found in normal individuals.
3. A single positive result has less significance than the rising agglutination titre, since demonstration of rising titre four or more in 1st and 3rd week is considered as a definite evidence of infection.
4. A simultaneous rise in H agglutinins is suggestive of paratyphoid infection.

NOTE:

1. Individuals with prior infection or immunization with TAB vaccine may develop an ANAMNESTIC RESPONSE (False-Positive) during an unrelated fever i.e. High titres of antibodies to various antigens. This may be differentiated by repetition of the test after a week.
2. The anamnestic response shows only a transient rise, while in enteric fever rise is sustained.
3. H agglutinins tend to persist for many months after vaccination but O agglutinins tend to disappear sooner i.e. within 6 months. Therefore rise in O agglutinins indicate recent infection.

*** End Of Report ***




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