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Collected : 04-Nov-2023 / 14:42
Reported : 05-Nov-2023 / 19:37

PROSELF MONSOON FEVER CHECK - ADVANCED
DENGUE NS1 ANTIGEN

PARAMETER	RESULTS	BIOLOGICAL REF RANGE	METHOD
Dengue NS1 Antigen, Serum	Positive(2.5)	< 1.0 ≥ 1.0	Negative Positive

Clinical significance:

Detection of NS1 Antigen by is valuable as it detects infection prior to seroconversion. It can be detected in serum from day 1 after onset of fever and up to 9 days. This helps in early implementation of supportive therapy & monitoring, this in turn reduces risk of complications such as Dengue hemorrhagic fever or Dengue shock syndrome.

Intended use:

Qualitative or semi-quantitative detection of Dengue virus NS1 antigen in human serum or plasma by enzyme immunoassay.

Interpretation:

1. Negative: No detectable Dengue NS1 antigen. The result does not rule out Dengue infection. An additional sample should be tested with serology in 7-14 days.
2. Equivocal: Equivocal samples should be repeated. Samples that remain equivocal after repeat testing should be repeated by an alternative method or another sample should be collected.
3. Positive: Presence of detectable Dengue NS1 antigen. Dengue serology assays should be performed on follow-up samples to confirm Dengue infection.

Reflex test: Dengue RNA detection by PCR

Limitations:

1. Negative result does not rule out Dengue infection. An additional sample should be tested with serology in 7-14 days.
2. Diagnosis of recent infection can only be established on the basis of a combination of clinical and biological data. The result obtained on a single sample does not constitute a sufficient proof for diagnosis of recent infection.

Reference: Dengue NS1 kit insert

*Sample processed at SUBURBAN DIAGNOSTICS (INDIA) PVT. LTD SDRL, Vidyavihar Lab

*** End Of Report ***



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