

# Why let anyone take **chances?**

One Test that diagnoses



Malaria



Dengue



Chikungunya



Typhoid



Because everyone deserves  
**the best & affordable care**



**Fever**  
PRIME

CDMT PCR Panel\* for  
**All types of Fevers**

\* IVD approved kit

Special Price


**₹ 2000/-**

## CLINICAL HIGHLIGHTS

- ✔ Provides faster diagnosis of fever than serological methods
- ✔ Accurate and reliable results
- ✔ Uses Taqman probes providing higher sensitivity (99%) & specificity (100%)
- ✔ Additionally provides CBC count

## ✓ Sample Report Illustration



Mr. FEVER PANEL		Sample Quality: Adequate
DOB:		Lab ID: 30600110312
Age 25 Years		Collected 16-06-2023 08:00
Gender: Male		Received: 16-06-2023 11:00
CRM: 230894642728		Reported: 17-06-2023 13:09
Location: BANGALORE		Status: Final
Ref Doc:		Client: For Lab Testing/Validation Samples - BS8946

### Fever Prime PCR CDMT Panel Detection (Qualitative) Real Time PCR (RT-PCR)

Sample Type: Plasma

**Results:**

Test Description	Results
Chikungunya virus (RNA)	<b>Detected</b>
Dengue virus (RNA)	Not Detected
Plasmodium spp [Malaria] (DNA)	Not Detected
Salmonella spp.-[Typhoid] (DNA)	Not Detected

Chikungunya Virus, Dengue (1,2,3,4 serotypes), Plasmodium spp (P. falciparum, P. malaria, P. vivax, P. ovale), and Salmonella spp, detection using Taqman probe-based Real-Time PCR method.

**Interpretation:**

Results	Remarks
Detected	Chikungunya Virus, Dengue Virus, Plasmodium spp, and Salmonella spp specific target DNA/RNA Detected
Not Detected	Sample provided doesn't contain target DNA/RNA .
Indeterminate	Presence of Inhibitors in the sample; Repeat Sample recommended

**Limit of detection of the assay: 20 Copies/ml**

**Clinical Significance:**

Fever prime panel is recommended to screen Vector-borne diseases that are spread to humans by blood-feeding arthropods mosquitoes and Typhoid fever which is transmitted through contaminated food or water.

Malaria is caused by five different species of Protozoan parasite, Plasmodium include P. falciparum, P. ovale, P. malariae, P. vivax and P. knowlesi that are carried and spread by Anopheles mosquito. Dengue and Chikungunya are caused by viruses named Dengue virus (DENV) and Chikungunya virus (CHIKV) respectively. Both are spread by common mosquito vector Aedes species. Typhoid fever is a life-threatening infection caused by the bacterium Salmonella typhi. It is usually spread through contaminated food or water.

**Note:**

1. Positive results are indicative of the presence of target pathogen DNA/RNA
2. Negative results do not rule out the possibility of target pathogen infection.
3. Kindly consult a referring physician and correlate the results with clinical and other serological findings.
4. Test is carried out using IVD approved TaqMan Chemistry based RT-PCR Kit.
5. Inconclusive results, due to improper sample collection (Hemolyzed blood) and or transportation. Hence, repeat sample collection is mandatory for the Inconclusive reports.
6. RT PCR based detection of Dengue, Chikungunya and Malaria has 99% sensitivity and 100% specificity.

----- End Of Report -----