

NEW TEST – Available Now

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Tropical Fever Panel by PCR

3020830, TFPPCR

Specimen Requirements:

Patient Preparation: N/A

Collect: Minimum 0.5 ml human whole blood collected in EDTA tubes

Specimen Preparation: Collect blood in EDTA blood tube

Transport Temperature: Refrigerated

Unacceptable Conditions: Frozen

Remarks:

The panel detects and identifies selected bacterial, viral, and parasitic nucleic acids directly from EDTA whole blood collected from individuals with signs and/or symptoms of acute febrile illness or recent acute febrile illness and known or suspected exposure to the following target pathogens: chikungunya virus, dengue virus (serotypes 1, 2, 3 and 4), *Leptospira* spp., and *Plasmodium* spp. (including species differentiation of *Plasmodium falciparum* and *Plasmodium vivax/ovale*).

Stability: Ambient: 24 hours
Refrigerated: Up to 7 days

Methodology: Qualitative Polymerase Chain Reaction (PCR)

Note:

This panel is not intended to be used as the sole basis for diagnosis, treatment, or other management decisions. Positive results do not rule out coinfection with other organisms not included on the panel, nor do negative results rule out infection. Negative results from the panel may require additional testing if clinically indicated. Not all pathogens that cause acute febrile illness are detected by this test, and negative results do not rule out the presence of other infections.

Patient travel history, exposure risk, and consultation of the CDC Yellow Book should be considered prior to use of this panel as some pathogens are more common in certain geographical locations.

A *Plasmodium* spp. "Detected" result does not provide parasitemia level information. The potential for severe malaria should be considered.

A dengue virus "Detected" result does not provide information on the severity of the disease. The potential for hemorrhagic

dengue fever should be considered.

Performance of the test has not been established for monitoring treatment of malaria, dengue fever, chikungunya fever, or leptospirosis.

CPT Codes: 0595U

New York DOH Approval Status: This test is New York DOH approved.

Interpretive Data:

Reference Interval:

HOTLINE NOTE: Refer to the Hotline Test Mix for interface build information.