

# Tropheryma whipplei

## General:

Whipple's disease is a systemic bacterial infection characterized by fever, weight loss, diarrhea, lymphadenopathy, and polyarthritis. Occasionally, it is also associated with cardiac manifestations such as myocarditis, pericarditis, and endocarditis or central nervous system involvement. Diagnosis of infection is usually based on histopathological examination of a duodenal biopsy specimen showing infiltration with large macrophages containing periodic acid-Schiff-positive, non-acid-fast bacteria. The determination of the nucleotide sequence of the 16S rRNA gene of *Tropheryma whipplei* (formerly *Trophyrema whippelii*), the agent of Whipple's disease, provided the basis for the development of species-specific diagnostic PCR systems. PCR is the standard in the diagnosis of Whipple's disease.

Material: biopsy, CSF, EDTA blood

TAT: 7-10 days\*

Method: PCR

Units: qualitative

Ref.-range: Negative

For complete list of laboratory test offered at Freiburg Medical Laboratory, please visit <http://www.fml-dubai.com/parameter-listings/>