

# Tyrosinase antibodies

## General:

Tyrosinase is a type I transmembrane protein of the tyrosinase family, which is specific in melanocytes (skin, mucous membranes, ciliar bodies and retina) and in cells of malignant melanoma. Tyrosinase catalyzes the hydroxylation of L-tyrosine to L-3,4-dihydroxyphenylalanine (L-DOPA), the oxygenation of L-DOPA to L-Dopachinon and the oxygenation of 5,6-dihydroxyindole to 5,6-indolchinon.

Clinical pictures correlating with the presence of tyrosinase antibodies are vitiligo, malignant melanoma, autoimmune endocrinopathy.

Material: 1 ml serum

TAT: 7-10 days\*

Method: MEIA

Units: Ratio

Ref.- range: <10.0

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