

# S 100 protein

## General:

S 100 is a calcium-binding protein, which consists of dimers of two isomeric subunits alpha (MG = 10400) and beta (MG = 10500). It is considered a marker for melanoma with metastases. The risk of developing malignant melanoma has increased within the last 10 years (sun exposure). Frequency in Germany is around 8000 newly diagnosed melanoma patients per year. Most melanomas can be recognized and treated early. In early detection the prognosis is good and the 5 year survival rate is >90 per cent. The clinical suspicion always requires the histological confirmation.

Indication: suspicion of metastases in malignant melanoma, therapy monitoring

Material: 1 ml serum

TAT: 5-7 days\*

Method: CLIA

Units: µg/l

Ref.- range: <0.15

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