

# Biotin

see also **Vitamins**

General:

Physiology: vitamin H belongs to the water-soluble, essential vitamins and is supplied by food as biotin-lysine (biocytins). Biotin-lysine is transformed by biotinidase into biotin which is absorbed in very small quantities. No supply is required in intact intestinal flora, otherwise approx. 0.3 mg.

Clinical symptoms:

Skin: (seborrheic) dermatitis predominately of the extremities, cheilosis, alopecia, signs of immune deficiency. The biotinidase defect is of importance (**see Newborn screening**).

Material: 1 ml serum

TAT: 10-14 days\*

Method: EIA

Units: ng/l

Ref.- range: >100

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