

# Beta carotene

## General:

Provitamin of vitamin A is beta-carotene; it is exclusively produced in plants, mostly in carrots. It is stored in lipid containing tissues (fatty tissues, milk, eggs). Due to its fat solubility the resorption occurs together with fats or bile acids. Beta-carotin is split into two molecules of Vitamin A. See *also Oxidation status*.

Indication: Malabsorption syndrome

Material: 1 ml serum

Preanalytics: send in tubes protected against light, blood collection fasting

TAT: 7-10 days\*

Method: HPLC

Units: µg/l

Ref.- range: male:143 - 554 female:176 -758

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