

# Reticulocyte count

## General:

Reticulocytes are immature erythrocytes found predominantly in the bone marrow after expulsion of the nucleus of orthochromatic normoblasts. The concentration of reticulocytes can reflect the effectiveness of erythropoiesis. However, if erythropoiesis is stimulated - particularly in case of hemolytic processes - the reticulocytes enter into the peripheral blood at an earlier stage, thus reticulocytes are significantly increased – possibly leading to an overestimation in erythropoiesis activity.

Indication: Testing effective erythropoetic activity in the bone marrow

Material: 5 ml EDTA blood

Stability: 5 hours at 20 to 25°C

TAT: same day, FML

Method: microscopy

Units: %

Ref.- range: 0.5 - 2.5

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