

Leukocyte phosphatase alkaline

Synonym: **Alkaline neutrophil phosphatase (ANP)**

(Please note that this test has been discontinued)

General:

Alkaline neutrophil phosphatase is a phosphomonoesterase and is found in neutrophil granulocytes (segmented neutrophils 50-60 %) and myelocytes. There is no relation to alkaline serum phosphatase (ALP). Increased activity is found in cell proliferation ("cell stress"). The physiological function is not known.

Indication: Differentiation of CML from myelofibrosis or leukemoid reactions, e.g. severe infections, differentiation of polycythemia (proliferation of all 3 cell lines), polyglobulia (erythrocytosis, e.g. at Fallot's tetralogy).

Material: 1 ml EDTA blood

Preanalytics: alternatively capillary blood for 2 blood smears, air-dried, not older than 2 days (on arrival in the laboratory)!

TAT: 7 -10 days*

Method: staining (MIC)

Units: Index

Ref.- range: 13 - 130

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