

CCP antibody against cyclic citrullinated peptide

General:

The available parameters (RF, CRP and others) used for routine diagnostics in rheumatoid disorders are characterized by unsatisfactory specificity in rheumatoid arthritis (RA). RF (rheumatoid factors) are also detected in other autoimmune disorders, bacterial and viral infections as well as in clinically healthy persons. At the beginning of RA only 40–50 % of patients show a positive titer. Besides RF, other antibodies are found in the serum of RA patients: ANA, Abs against citrullinated peptide, RA 33 AB and others.

CCP-antibodies have a high diagnostic specificity. They are detectable in approx. 50% of RF negative rheumatoid arthritis patients. Two new laboratory parameters are available for the confirmation of rheumatoid arthritis: CCP-antibodies and Cartilage Oligomeric Matrix Protein (COMP).

The classical rheumatism serology consists of RF, CRP, ANA and ASL. For specification of RA, citrullinated cyclic peptide is recommended. Therapy monitoring is done by testing Cartilage Oligomeric Matrix Protein (COMP).

Material: 1 ml serum

Stability: 14 days at 2 to 8°C

TAT: 3 days, FML

Method: ratio

Units: U/l

Ref.- range: <1.0

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