

Annexin

General:

Annexin (synonym: lipocortin) is a common name for a group of cellular proteins, that bind phospholipid membranes in a calcium-dependent manner. They are found in animals, plants and are absent in yeasts and prokaryotes.

Annexin V inhibits prothrombin activation and is able to prevent thrombus formation under normal venous and arterial blood flow conditions. Antibodies to annexin V have been identified in association with several pathological conditions, including systemic lupus erythematosus (SLE) with or without anti-phospholipid syndrome, recurrent spontaneous abortions and systemic sclerosis (SSc). These antibodies are suspected to have a detrimental effect and interfere with annexin V function. Thus, they have been associated with the occurrence of fetal loss and venous and/or arterial thrombosis in SLE patients, as well as digital ischemia in SSc patients.

The following tests are available:

- **Annexin V IgG antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: U/ml

Ref.- range: see report

- **Annexin V IgM antibodies**

Material: 1 ml serum

TAT: 7-10 days*

Method: EIA

Units: U/ml

Ref.- range: see report

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