



## ELISA Anticardiolipin

An enzyme linked immunosorbent assay (ELISA) for the quantitative determination of IgG and IgM anticardiolipin antibodies (aCL) in individuals with systemic lupus erythematosus (SLE) and lupus-like disorders (antiphospholipid antibody syndrome).

### Test principle

Samples, controls and calibrators are incubated in micro wells, which have been coated with cardiolipin, allowing anticardiolipin antibodies (aCL) to bind. Unbound substances are removed by washing. An HRP conjugated detecting antibody, specific for human IgG or IgM is added and binds to the cardiolipin/aCL antibody complex. After a washing step, added enzyme substrate reacts with the conjugate. The intensity of the resulting colour is proportional to the content of IgG or IgM anticardiolipin antibodies in the sample.

### Reagents and stability (after opening)

Micro wells	12 x 8
Sample diluent	1 vial
aCL IgG calibrator serum	3 vials
aCL IgM calibrator serum	3 vials
aCL IgG positive control	1 vial
aCL IgM positive control	1 vial
aCL normal control	1 vial
anti IgG-conjugate	1 vial
anti IgM-conjugate	1 vial
Substrate	1 vial
Stop solution	1 vial
Washing buffer (concentrate)	1 vial

When stored at 2-8°C the reagents remain stable until the expiry date printed on the vials.

**No. of determinations:** 96

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