



ELISA Antiphosphatidylserine

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

Test principle

Samples, controls and calibrators are prediluted with buffer, which contains β_2 glycoprotein I as a cofactor, and incubated in micro wells, which have been coated with phosphatidylserine, allowing antiphosphatidylserine antibodies 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 phosphatidylserine/aPS 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 antiphosphatidylserine antibodies in the sample.

Reagents and stability (after opening)

Micro wells	12 x 8
Sample diluent (containing β_2 GPI)	1 vial
aPS IgG calibrator serum	3 vials
aPS IgM calibrator serum	3 vials
aPS IgG positive control	1 vial
aPS IgM positive control	1 vial
aPS 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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