



## Protein S Antigen

Complete sandwich ELISA for the quantitative determination of free and total Protein S antigen in human plasma.

### Test principle

The samples are incubated in micro wells coated with antibodies against Protein S (capture antibodies). After binding of Protein S to the capture antibody, unbound substances are removed by washing. A peroxidase conjugated detecting antibody is added and binds to the Protein S/capture antibody complex. After a washing step, added enzyme substrate reacts with the conjugate. The intensity of the resulting colour is proportional to the total content of Protein S in the sample. Free Protein S can be determined, after the samples, controls and reference plasmas have been pre-treated with PEG.

### Reagents and stability (after opening)

Micro wells	12 x 8
Sample diluent	1 vial
Reference plasma	3 vials
Conjugate	1 vial
Substrate	1 vial
Stopping solution	1 vial
Washing buffer	1 vial
Reagent „free Protein S“ (PEG)	1 vial

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

**No. of determinations:** 96

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