

ASSAYS FOR ANTI-PHOSPHOLIPID ANTIBODIES (ACA/APA) AND ANTIBODIES TO PHOSPHOLIPID COFACTORS

These assays are proposed for the identification and measurement of anticardiolipin/antiphospholipid autoantibodies (ACA/APA), or those targeted to phospholipid cofactors.

They are designed with highly purified, non-denatured, human proteins, which keep all the characteristics of the native protein. The specifically coated, stabilised and treated surface allows immunocapturing antibodies with high specificity and sensitivity. The solid phase is then saturated with goat serum, which is from the same species origin producing the second antibodies (HRP conjugated), specific for Fc γ or μ fragments of IgG and IgM respectively, and used for revelation. Therefore, the non-specific binding remains at its lowest value, and there is no background noise. Assays are highly specific and sensitive.

A ready to use TMB substrate is included in the kit, and colour development is measured at 450 nm.

Each kit is provided with a calibrator which allows drawing a calibration curve and defining the clinical cut-off value, established with a panel of plasmas, negative or positive for the autoantibodies. Kits also include negative controls.

The ZYMUTEST line of reagents for autoimmunity offers fully optimised and disposable updated ELISAs, for a safe identification of autoantibodies and follow-up of associated clinical contexts.

