

ZYMUTEST ACA/APA & ZYMUTEST Anti- β 2GPI

Ref ARK029A (IgG) / ARK029B (IgM) Ref ARK014A (IgG) / ARK014B (IgM)

New Assays for Anti-Cardiolipin/Anti-Phospholipid (ACA/APA) and Anti- β 2GPI Antibodies



ACA / APA and Anti- β 2GPI antibodies

Capture antigens

Actually ACA-APA are targeted to β 2GPI-anionic phospholipid complexes, exposing the cryptic epitopes of β 2GPI: whether the anionic phospholipids used (PS, cardiolipin, phosphatidic acid, etc...), antibodies bind to complexes of anionic phospholipids and β 2GPI. The different reactivities between available assays mainly objectivate the capacity of the coated anionic phospholipids used to bind β 2GPI, which is frequently empirically supplied by the diluent (animal serum) or by the tested specimen itself.

ZYMUTEST ACA/APA kits use a synthetic anionic phospholipid (cardiolipin), non oxidized, complexed with an optimized concentration of fully active human β 2GPI, as capture antigen.

ZYMUTEST Anti- β 2GPI uses a highly purified, non denatured, human β 2GPI as capture antigen.

Clinical applications

Antiphospholipid syndrome (APS), thrombotic diseases, recurrent abortions.

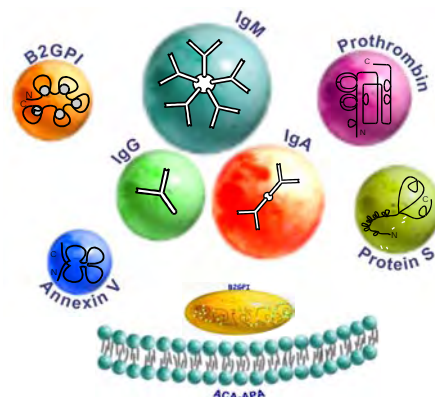
Follow-up of disease evolution associated with the time of exposure to antibodies, the IgG isotype, ACA-APA concentration and affinity.

Follow-up of patients with APS.

Assay characteristics

Highly sensitive and specific assays, measuring specifically the β 2GPI dependent Anti-Cardiolipin/Anti-Phospholipid Antibodies or the anti- β 2GPI antibodies, which allows obtaining a higher clinical significance.

The right solution to the laboratory issues in testing phospholipid dependent antibodies



- High specificity (only the "true specific" antibodies are measured)
- High sensitivity
- Optimal discrimination between normal and pathological specimen
- Low background
- Reliable definition of cut-off value, stable from run to run and from lot to lot
- Full reproducibility from lot to lot thanks to the use of standardized, humanised antibodies for calibration
- Control included



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Form AH21
2-2010

Enzyme immunoassays for the detection of phospholipid dependent antibodies and to their cofactors



Highly purified h-β2GPI for coating

Two site ELISAs

Quality Control included

Ready to use, complete and disposable kits

For in vitro diagnostic use (CE)

Calibration with standardized, humanized Abs

In compliance with present scientific understandings

Other related products (RUO*)

ZYMUTEST ACA/APA (IgA) - ARK029C

ZYMUTEST Anti-B2GPI (IgA) - ARK014C

ZYMUTEST Anti-Annexin V (IgG/IgM)
ARK005A/ARK005B

ZYMUTEST Anti-Prothrombin (IgG/IgM)
ARK007A/ARK007B

ZYMUTEST Anti-Protein S (IgG/IgM)
ARK020A/ARK020B

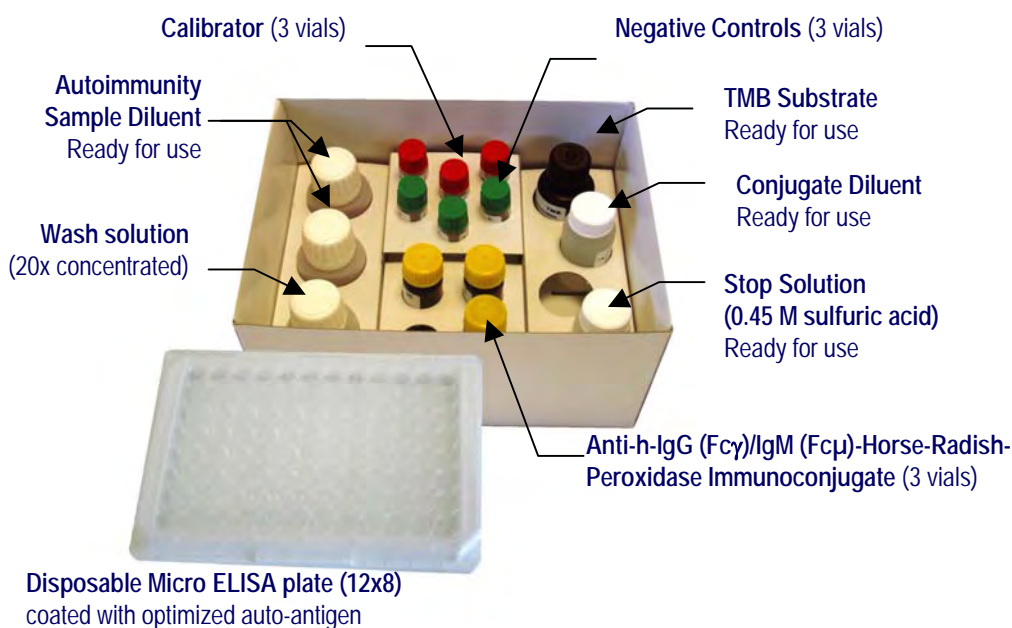
ZYMUTEST Anti-Protein Z (IgG/IgM)
ARK025A/ARK025B

ZYMUTEST Anti-Protein C (IgG/IgM)
ARK026A/ARK026B

ZYMUTEST ACA/APA (Ref ARK029A(IgG) or ARK029B(IgM))

ZYMUTEST Anti-B2GPI Ref ARK014A(IgG) or ARK014B(IgM)

Kit presentation



Assay characteristics

- Total assay time: 1 hr 15 min
- Normal ranges: (ACA/APA) ≤ 5 GPL
≤ 3 MPL
(Anti-β2GPI) ≤ 10 AU*
- Plasma or serum tested at 1:100 dilution
- Detection threshold: <1 ng/ml
- Intra-assay CV: 3 to 6%
- Inter-assay CV: 4 to 8%
- Calibration with humanized Abs

*AU= Arbitrary Unit (Mean + 2SD = 10 AU)

ANIARA

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*RUO = Research Use Only

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