

# **Product datasheet**

## **Human Cardiolipin antibody IgM ELISA Kit**

Catalog # EK00834E

#### **Overview**

Product name Human Cardiolipin antibody IgM (ACA-IgG) ELISA Kit

Size 96 wells

Species Reactivity Human

Assay Type Sandwich

Sample Type Serum, Plasma, Other human body fluids & secretions

Assay Range 2U/mL – 48U/mL

**Kit Components** Assay Plate, Standard, Standard diluent, Sample diluent, Enzyme

conjugate, Detection reagent A & B, Wash buffer, Stop solution,

Protocol, Quality control certificate

Storage Store at 2-8 °C

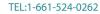
Product Note This ELISA Kit uses the double-antigen sandwich method to determine

the level of human anti-cardiolipin antibody IgM (ACA-IgM) in the specimen. The ELISA analytical biochemical technique of the kit is based on ACA antigen-ACA IgM antibody interactions (immunosorbency) and an HRP colorimetric detection system to detect ACA-IgM targets in samples. ACA-IgM are added to the antigen-coated microwells, and then combine with the HRP-labeled antigen to form an antigen-antibody -Enzyme-labeled antigen complex, after thorough washing, add substrate TMB to develop color. TMB is converted into blue under the

catalysis of HRP enzyme, and into the final yellow under the action of acid. The color intensity is positively correlated with ACA-IgM in the sample. Absorbance (OD value) is measured at a wavelength of 450nm with a microplate reader, and the concentration of human ACA-IgM in

the sample can be calculated from the standard curve.







### **Typical Data**

Results of a typical standard curve are provided with the product for demonstration only and should not be used to obtain test results.

A standard curve must be run for each set of samples assayed.

#### **IMPORTANCE**

After receiving the kit, please check the intactness of outer packaging, check whether the reagent bottles are broken, leaking or the amount of liquid is significantly reduced, etc. If the diluent is polluted such as flocculent bacterial colonies; the substrate is not transparent and the microtiter plate is leaking, etc; please contact the distributor. In rare cases, crystals may appear in the substrate. Normally the crystals will dissolve at room temperature, this will not affect the testing results.





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