

Human anti echinococcus antibody (IgM) ELISA Kit

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CATALOG #
AAA246324

REACTIVITY
Human

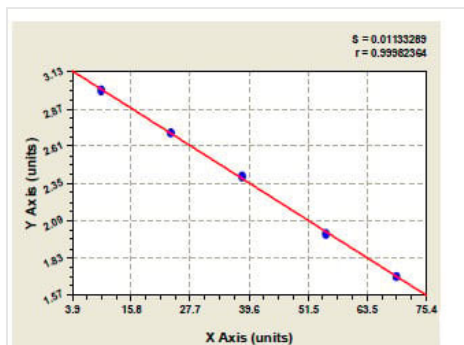
PRODUCT SYNONYMS

anti echinococcus antibody (IgM); Human anti echinococcus antibody (IgM) ELISA Kit; anti echinococcus antibody (IgM) elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of echinococcus antibody IgM. No significant cross-reactivity or interference between echinococcus antibody IgM and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between echinococcus antibody IgM and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 mg/L
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for anti echinococcus antibody (IgM) elisa kit	Intended Uses: This echinococcus antibody IgM ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human echinococcus antibody IgM. This ELISA kit for research use only! Principle of the Assay: echinococcus antibody IgM ELISA kit applies the competitive enzyme immunoassay technique utilizing a Polyclonal anti-echinococcus antibody IgM antibody and an echinococcus antibody IgM-HRP conjugate. The assay sample and buffer are incubated together with echinococcus antibody IgM-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the echinococcus antibody IgM concentration since echinococcus antibody IgM from samples and echinococcus antibody IgM-HRP conjugate compete for the anti-echinococcus antibody IgM antibody binding site. Since the number of sites is limited, as more sites are occupied by echinococcus antibody IgM from the sample, fewer sites are left to bind echinococcus antibody IgM-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The echinococcus antibody IgM concentration in each sample is interpolated from this standard curve.
Product Categories/Family for anti echinococcus antibody (IgM) elisa kit	Cell Biology

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/human-elisa-kits/anti-echinococcus-antibody-igm/246324>