

Human Methylmalonic Acid ELISA Kit | MMA elisa kit

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CATALOG #
AAA27395

REACTIVITY
Human

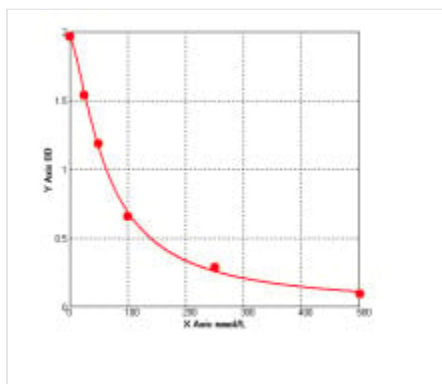
PRODUCT SYNONYMS

Methylmalonic Acid; Human Methylmalonic Acid ELISA Kit; MMA elisa kit

PRODUCT SPECIFICATIONS

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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMA elisa kit	Principle of the Assay: MLA ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-MLA antibody and an MLA-HRP conjugate. The assay sample and buffer are incubated together with MLA-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 MLA concentration since MLA from samples and MLA-HRP conjugate compete for the anti-MLA antibody binding site. Since the number of sites is limited, as more sites are occupied by MLA from the sample, fewer sites are left to bind MLA-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MLA concentration in each sample is interpolated from this standard curve. Intended Uses: This MLA ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human MLA. This ELISA kit for research use only, not for therapeutic or diagnostic applications!
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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://stage.aaabiotech.com/mma-human-elisa-kits/methylmalonic-acid/27395>