

Human 3 methyl Adrenaline ELISA Kit | 3MADR elisa kit

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CATALOG #
AAA95356

REACTIVITY
Human

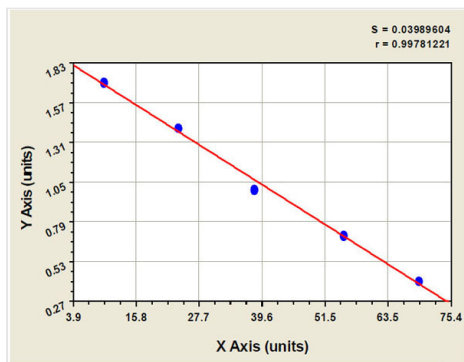
PRODUCT SYNONYMS

3 methyl Adrenaline; Human 3 methyl Adrenaline ELISA Kit; 3MADR elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This 3MADR ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human 3MADR. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for 3MADR elisa kit

Principle of the assay: 3MADR ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-3MADR antibody and an 3MADR-HRP conjugate. The assay sample and buffer are incubated together with 3MADR-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 3MADR concentration since 3MADR from samples and 3MADR-HRP conjugate compete for the anti-3MADR antibody binding site. Since the number of sites is limited, as more sites are occupied by 3MADR from the sample, fewer sites are left to bind 3MADR-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The 3MADR concentration in each sample is interpolated from this standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/3madr-human-elisa-kits/3-methyl-adrenaline/95356>