

Mouse Matrix Metalloproteinase 4 ELISA Kit | MMP4 elisa kit

Mouse Matrix Metalloproteinase 4 ELISA Kit

CATALOG #
AAA82982

REACTIVITY
Mouse

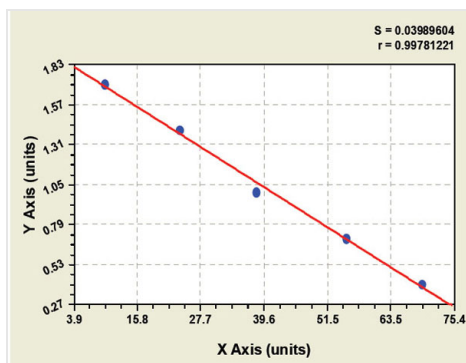
PRODUCT SYNONYMS

Matrix Metalloproteinase 4; Mouse Matrix Metalloproteinase 4 ELISA Kit; Matrix Metalloproteinase 4 (Mouse); MMP4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP4 elisa kit

For samples: Serum, plasma, cell culture supernatants, body fluid and tissue homogenate

INTENDED USE: This MMP-4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse MMP-4. This ELISA kit for research use only!

PRINCIPLE OF THE ASSAY: MMP-4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MMP-4 antibody and an MMP-4-HRP conjugate. The assay sample and buffer are incubated together with MMP-4-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 MMP-4 concentration since MMP-4 from samples and MMP-4-HRP conjugate compete for the anti-MMP-4 antibody binding site. Since the number of sites is limited, as more sites are occupied by MMP-4 from the sample, fewer sites are left to bind MMP-4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MMP-4 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/mmp4-mouse-elisa-kits/matrix-metalloproteinase-4/82982>