

Monkey Matrix metalloproteinase 1 ELISA Kit | MMP-1 elisa kit

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CATALOG # AAA91339	REACTIVITY Monkey
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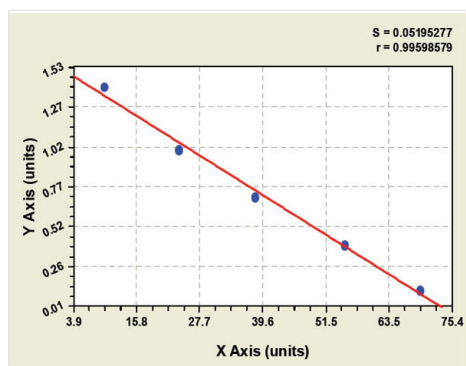
PRODUCT SYNONYMS

Matrix metalloproteinase 1; Monkey Matrix metalloproteinase 1 ELISA Kit; MMP-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	2.5-50ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This MMP-1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of monkey MMP-1. 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 MMP-1 elisa kit

Principle of the Assay: MMP-1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MMP-1 antibody and an MMP-1-HRP conjugate. The assay sample and buffer are incubated together with MMP-1-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-1 concentration since MMP-1 from samples and MMP-1-HRP conjugate compete for the anti-MMP-1 antibody binding site. Since the number of sites is limited, as more sites are occupied by MMP-1 from the sample, fewer sites are left to bind MMP-1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MMP-1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	255958234
NCBI GeneID	657261
NCBI Accession #	NP_001157647.1
NCBI GenBank Nucleotide #	NM_001164175.1
NCBI Official Full Name	matrix metalloproteinase 1 isoform 2
NCBI Official Symbol	Mmp-1
NCBI Official Synonym Symbols	Mmp1
NCBI Protein Information	matrix metalloproteinase 1; GLEAN_14266

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/mmp-1-monkey-elisa-kits/matrix-metalloproteinsae-1/91339>