

Monkey Matrix Metalloproteinase 3 ELISA Kit | MMP3 elisa kit

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CATALOG #
AAA90776

REACTIVITY
Monkey

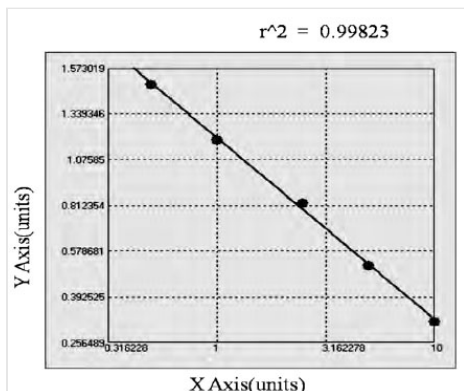
PRODUCT SYNONYMS

Matrix Metalloproteinase 3; Monkey Matrix Metalloproteinase 3 ELISA Kit; MMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Monkey
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	0.5-10ng/mL
Sensitivity	0.1ng/mL
Intended Uses	This MMP3 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey MMP3. 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 MMP3 elisa kit

Principle of the assay: MMP3 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-MMP3 antibody and an MMP3-HRP conjugate. The assay sample and buffer are incubated together with MMP3-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 MMP3 concentration since MMP3 from samples and MMP3-HRP conjugate compete for the anti-MMP3 antibody binding site. Since the number of sites is limited, as more sites are occupied by MMP3 from the sample, fewer sites are left to bind MMP3-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The MMP3 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for MMP3 elisa kit	Cancer
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8176609
NCBI GeneID	281309
Molecular Weight	16,673 Da
NCBI Official Full Name	MMP-3, partial
NCBI Official Synonym Full Names	matrix metalloproteinase 3 (stromelysin 1, progelatinase)<
NCBI Official Symbol	MMP3
NCBI Protein Information	stromelysin-1; metalloproteinase 3 receptor
UniProt Protein Name	MMP-3
UniProt Gene Name	bmp-3
UniProt Entry Name	Q9N283_BOVIN

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/mmp3-monkey-elisa-kits/matrix-metalloproteinase-3/90776>