

Mouse Matrix metalloproteinase-23 ELISA Kit | Mmp23 elisa kit

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CATALOG #
AAA56400

REACTIVITY
Mouse

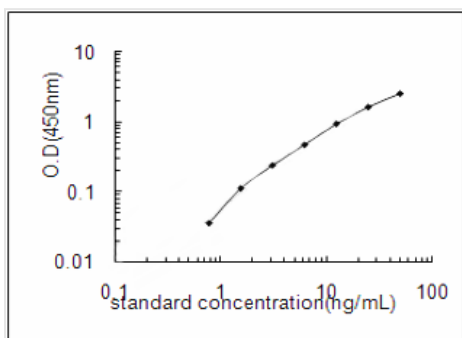
PRODUCT SYNONYMS

Matrix metalloproteinase-23; Mouse Matrix metalloproteinase-23 ELISA Kit; Mmp23 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay recognizes recombinant and natural mouse MMP-23. No significant cross-reactivity or interference was observed.
Sequence Length	390
Assay Type	Sandwich
Detection Range	0.78-50 ng/mL
Sensitivity	0.41 ng/mL
Intra-Assay CV	<=6.3%
Inter-Assay CV	<=10.9%
Recovery	105%
Preparation and Storage	For long term storage, please store the entire kit at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Mmp23 elisa kit

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP-23. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for MMP-23 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain MMP-23, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of MMP-23 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	6754710
NCBI GeneID	26561
NCBI Accession #	NP_036115.1
NCBI GenBank Nucleotide #	NM_011985.3
UniProt Accession #	O88676; Q3KNC0
Molecular Weight	42,946 Da
NCBI Official Full Name	matrix metalloproteinase-23 isoform 1
NCBI Official Synonym Full Names	matrix metalloproteinase 23
NCBI Official Symbol	Mmp23
NCBI Official Synonym Symbols	CA-MMP
NCBI Protein Information	matrix metalloproteinase-23
UniProt Protein Name	Matrix metalloproteinase-23
UniProt Gene Name	Mmp23
UniProt Synonym Gene Names	Cammp; MMP-23; CA-MMP
UniProt Entry Name	MMP23_MOUSE

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://www.aaabiotech.com/mmp23-mouse-elisa-kits/matrix-metalloproteinase-23/56400>