

Horse Matrix Metalloproteinase 7 (MMP7) ELISA Kit | MMP7 elisa kit

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CATALOG #
AAA64010

REACTIVITY
Horse

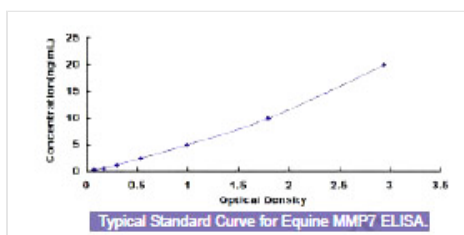
PRODUCT SYNONYMS

Matrix Metalloproteinase 7 (MMP7); Horse Matrix Metalloproteinase 7 (MMP7) ELISA Kit; MMP7 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of MMP7. No significant cross-reactivity or interference between MMP7 and analogues was observed.
Sequence Length	110
Samples	Serum, plasma and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.153ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level MMP7 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level MMP7 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP7 elisa kit	Intended Uses: This kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of MMP7 in equine serum, plasma and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to MMP7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to MMP7. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain MMP7, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of MMP7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	122141832
NCBI GeneID	100068985
UniProt Accession #	Q4JIK0
Molecular Weight	12,046 Da
NCBI Official Full Name	Matrix metalloproteinase 7
NCBI Official Symbol	MMP7
NCBI Protein Information	matrix metalloproteinase 7; matrix metalloproteinase 7 (matrilysin, uterine); matrix metalloproteinase 7
UniProt Protein Name	Matrix metalloproteinase 7
UniProt Gene Name	MMP7

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/horse-elisa-kits/matrix-metalloproteinase-7-mmp7/64010>