

Human matrix metalloproteinase 3 (stromelysin 1, progelatinase) ELISA Kit | MMP3 elisa kit

Human matrix metalloproteinase 3/stromelysin 1, MMP3/STR1 ELISA Kit

CATALOG #
AAA80110

REACTIVITY
Human

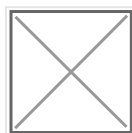
PRODUCT SYNONYMS

matrix metalloproteinase 3 (stromelysin 1; progelatinase); Human matrix metalloproteinase 3/stromelysin 1; MMP3/STR1 ELISA Kit; Human matrix metalloproteinase 3/stromelysin 1 (MMP3/STR1) ELISA kit; CHDS6; MGC126102; MGC126103; MGC126104; MMP-3; SL-1; STMY; STMY1; STR1; matrix metalloproteinase 3; matrix metalloproteinase 3 (stromelysin 1; progelatinase) ; proteoglycanase; transin-1; Human matrix metalloproteinase 3/stromelysin 1 (MMP3/STR1); MMP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human MMP3. No significant cross-reactivity or interference between Human MMP3 and analogues was observed.
Sequence Length	477
Samples	Serum, plasma, cell culture supernates
Assay Type	Sandwich
Detection Range	0.156 ng/ml-10 ng/ml
Sensitivity	0.054 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Tumor marker
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for MMP3/STR1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any MMP3/STR1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for MMP3/STR1 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of MMP3/STR1 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4505217
NCBI GeneID	4314
NCBI Accession #	NP_002413.1
NCBI GenBank Nucleotide #	NM_002422.3
UniProt Accession #	P08254; Q3B7S0; Q6GRF8; B2R8B8
Molecular Weight	53,977 Da
NCBI Official Full Name	stromelysin-1 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 3 (stromelysin 1, progelatinase)
NCBI Official Symbol	MMP3
NCBI Official Synonym Symbols	SL-1; STMY; STR1; CHDS6; MMP-3; STMY1
NCBI Protein Information	stromelysin-1; transin-1; proteoglycanase; matrix metalloproteinase-3; matrix metalloproteinase 3 (stromelysin 1, progelatinase)
UniProt Protein Name	Stromelysin-1
UniProt Gene Name	MMP3
UniProt Synonym Gene Names	STMY1; SL-1; MMP-3
UniProt Entry Name	MMP3_HUMAN

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/mmp3-human-elisa-kits/matrix-metalloproteinase-3-stromelysin-1-progelatinase/80110>