

Human Stromelysin-2, ST2 ELISA Kit | ST2 elisa kit

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CATALOG #
AAA41535

REACTIVITY
Human

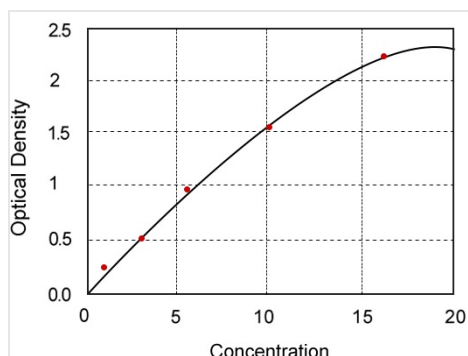
PRODUCT SYNONYMS

Stromelysin-2; ST2; Human Stromelysin-2; ST2 ELISA Kit; ST2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	476
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.5ng/ml - 150ng/ml
Sensitivity	0.28ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ST2 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Stromelysin-2 (also known as ST2) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human ST2 antibody. ST2 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human ST2 Antibody is added and binds to ST2 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ST2 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human ST2. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4505205
NCBI GeneID	4319
NCBI Accession #	NP_002416.1
NCBI GenBank Nucleotide #	NM_002425.2
UniProt Accession #	P09238; Q53HH9; B2R9X9
Molecular Weight	54,151 Da
NCBI Official Full Name	stromelysin-2 preproprotein
NCBI Official Synonym Full Names	matrix metalloproteinase 10
NCBI Official Symbol	MMP10
NCBI Official Synonym Symbols	SL-2; STMY2
NCBI Protein Information	stromelysin-2
UniProt Protein Name	Stromelysin-2
UniProt Gene Name	MMP10
UniProt Synonym Gene Names	STMY2; SL-2; MMP-10

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/human-elisa-kits/stromelysin-2-st2/41535>