

Human Serine protease HTRA1 ELISA Kit | HTRA1 elisa kit

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CATALOG #
AAA101971

REACTIVITY
Human

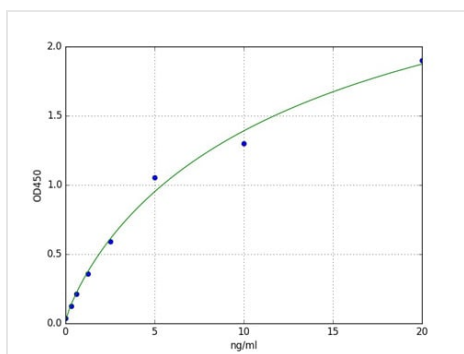
PRODUCT SYNONYMS

Serine protease HTRA1; Human Serine protease HTRA1 ELISA Kit; HTRA1 (Serine protease HTRA1)/IGFBP5-protease/PRSS11/ARMD7/High-temperature requirement A serine peptidase 1/HtrA serine peptidase 1/L56/ORF480/Serine protease 11/serine; 11 (IGF binding)/CARASIL/HtrA; HTRA1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	480
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20ng/ml
Sensitivity	0.188ng/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Human HTRA1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.313	0.625	1.25	2.5	5	10	20
Y	OD450	0.071	0.145	0.216	0.419	0.739	1.249	1.864	2.533

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTRA1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Human HTRA1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human HTRA1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Human HTRA1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human HTRA1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4506141
NCBI GeneID	5654
NCBI Accession #	NP_002766.1
NCBI GenBank Nucleotide #	NM_002775.4
Molecular Weight	51,287 Da
NCBI Official Full Name	serine protease HTRA1
NCBI Official Synonym Full Names	HtrA serine peptidase 1
NCBI Official Symbol	HTRA1
NCBI Official Synonym Symbols	L56; HtrA; ARMD7; ORF480; PRSS11; CARASIL; CADASIL2
NCBI Protein Information	serine protease HTRA1
UniProt Protein Name	Serine protease HTRA1
UniProt Gene Name	HTRA1
UniProt Synonym Gene Names	HTRA; PRSS11
UniProt Entry Name	HTRA1_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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/serine-protease-htra1/101971>