

Human HtrA serine peptidase 1 ELISA Kit | HTRA1 elisa kit

Human Serine protease HTRA1, HTRA1 ELISA Kit

CATALOG #
AAA18023

REACTIVITY
Human

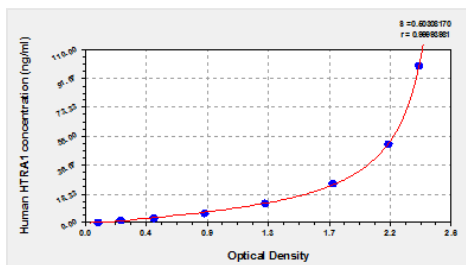
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human HTRA1. No significant cross-reactivity or interference between human HTRA1 and analogues was observed.
Sequence Length	480
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates
Detection Range	1.56 ng/ml-100 ng/ml
Sensitivity	< 0.39 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
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 HTRA1 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for HTRA1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any HTRA1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for HTRA1 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 HTRA1 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 #	4506141
NCBI GeneID	5654
NCBI Accession #	NP_002766.1
NCBI GenBank Nucleotide #	NM_002775.4
UniProt Accession #	Q92743; Q9UNS5; D3DRE4
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
NCBI Protein Information	serine protease HTRA1; IGFBP5-protease; protease, serine, 11 (IGF binding); high-temperature requirement A serine peptidase 1
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/htra1-human-elisa-kits/htra-serine-peptidase-1/18023>