

Mouse HtrA serine peptidase 1 ELISA Kit | HTRA1 elisa kit

Mouse Serine protease HTRA1, HTRA1 ELISA Kit

CATALOG #
AAA18059

REACTIVITY
Mouse

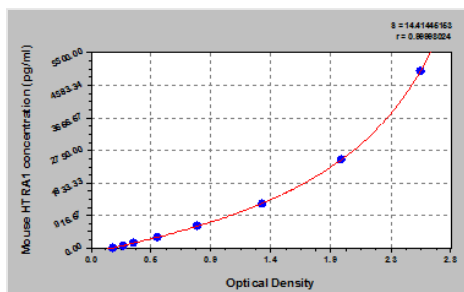
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse HTRA1. No significant cross-reactivity or interference between mouse HTRA1 and analogues was observed.
Sequence Length	480
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	78 pg/ml-5000 pg/ml
Sensitivity	< 19.5 pg/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 #	229093139
NCBI GeneID	56213
NCBI Accession #	NP_062510.2
NCBI GenBank Nucleotide #	NM_019564.3
UniProt Accession #	Q9R118; Q8BN04; Q8BN05; Q91WS3; Q9QZK6
Molecular Weight	51,214 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; Prss11; RSPP11; AI429470
NCBI Protein Information	serine protease HTRA1; serine protease 11; protease, serine, 11 (Igf binding); high-temperature requirement A serine peptidase 1; insulin-like growth factor binding protein 5 protease
UniProt Protein Name	Serine protease HTRA1
UniProt Gene Name	Htra1
UniProt Synonym Gene Names	Htra; Prss11
UniProt Entry Name	HTRA1_MOUSE

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-mouse-elisa-kits/htra-serine-peptidase-1/18059>