

Human HtrA Serine Peptidase 4 (HTRA4) ELISA Kit | HTRA4 elisa kit

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CATALOG #
AAA65906

REACTIVITY
Human

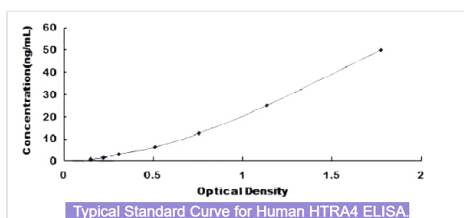
PRODUCT SYNONYMS

HtrA Serine Peptidase 4 (HTRA4); Human HtrA Serine Peptidase 4 (HTRA4) ELISA Kit; HtrA Serine Peptidase 4; HTRA4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of HTRA4. No significant cross-reactivity or interference between HTRA4 and analogues was observed.
Sequence Length	476
Assay Type	Quantitative Sandwich
Samples	Human tissue homogenates, cell lysates or other biological fluids
Detection Range	0.781-50ng/mL
Sensitivity	< 0.32ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level HTRA4 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level HTRA4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for HTRA4 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to HTRA4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to HTRA4. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain HTRA4, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of HTRA4 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of HTRA4 in human tissue homogenates, cell lysates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	24308541
NCBI GeneID	203100
NCBI Accession #	NP_710159.1
NCBI GenBank Nucleotide #	NM_153692.3
UniProt Accession #	P83105; Q542Z4; Q6PF13
Molecular Weight	50,979 Da
NCBI Official Full Name	serine protease HTRA4
NCBI Official Synonym Full Names	HtrA serine peptidase 4
NCBI Official Symbol	HTRA4
NCBI Protein Information	serine protease HTRA4
UniProt Protein Name	Serine protease HTRA4
UniProt Gene Name	HTRA4

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.