

Human USP11 (Ubiquitin Specific Peptidase 11) ELISA Kit | USP11 elisa kit

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CATALOG #
AAA250969

REACTIVITY
Human

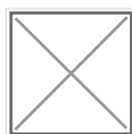
PRODUCT SYNONYMS

USP11 (Ubiquitin Specific Peptidase 11); Human USP11 (Ubiquitin Specific Peptidase 11) ELISA Kit; USP11; Ubiquitin Specific Peptidase 11Deubiquitinating enzyme 11; Ubiquitin thioesterase 11; Ubiquitin-specific-processing protease 11; USP11 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Specifically recognize USP11, no obvious cross reaction with other analogues
Assay Type	Sandwich
Samples	Serum, plasma, cell culture supernatant and other biological samples
Detection Range	31.2-2000pg/ml
Sensitivity	18.75pg/ml
Intra-assay Precision	Intra-assay Precision: samples with low, medium and high concentration are tested 20 times on same plate.
Inter-assay Precision	Inter-assay Precision: samples with low, medium and high concentration are tested 20 times on three different plates.
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)

ADDITIONAL INFORMATION

Related Product Information for USP11 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti USP11 antibody was pre-coated onto the 96-well plate. The biotin conjugated anti USP11 antibody was used as the detection antibody. The standards and pilot samples were added to the wells subsequently. After incubation, unbound conjugates were removed by wash buffer. Then, biotinylated detection antibody was added to bind with USP11 conjugated on coated antibody. After washing off unbound conjugates, HRP-Streptavidin was added. After a third washing, TMB substrates were added to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that turned yellow after adding a stop solution. Read the O.D. absorbance at 450nm in a microplate reader. The concentration of USP11 in the sample was calculated by drawing a standard curve. The concentration of the target substance is proportional to the OD450 value.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[24234683](#)

NCBI GeneID	8237
NCBI Accession #	NP_004642.2
NCBI GenBank Nucleotide #	NM_004651.3
UniProt Accession #	P51784; Q8IUG6; Q9BWE1; B2RTX1
Molecular Weight	109,817 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 11
NCBI Official Synonym Full Names	ubiquitin specific peptidase 11
NCBI Official Symbol	USP11
NCBI Official Synonym Symbols	UHX1
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 11; ubiquitin thioesterase 11; deubiquitinating enzyme 11; ubiquitin thiolesterase 11; ubiquitin-specific processing protease 11; ubiquitin-specific-processing protease 11; ubiquitin carboxyl-terminal hydrolase, X-lin
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 11
UniProt Gene Name	USP11
UniProt Synonym Gene Names	UHX1
UniProt Entry Name	UBP11_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/usp11-ubiquitin-specific-peptidase-11/250969>