

Human Ubiquitin Specific Peptidase 8 (USP8) ELISA Kit | USP8 elisa kit

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CATALOG #
AAA186745

REACTIVITY
Human

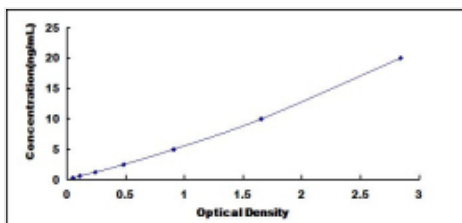
PRODUCT SYNONYMS

Ubiquitin Specific Peptidase 8 (USP8); Human Ubiquitin Specific Peptidase 8 (USP8) ELISA Kit; HumORF8; UBPY; Ubiquitin Carboxyl-Terminal Hydrolase 8; Ubiquitin Specific Protease 8; Deubiquitinating enzyme 8; Ubiquitin isopeptidase Y; Ubiquitin thioesterase 8; USP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Ubiquitin Specific Peptidase 8 (USP8). No significant cross-reactivity or interference between Ubiquitin Specific Peptidase 8 (USP8) and analogues was observed.
Sequence Length	1,012
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.101ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ubiquitin Specific Peptidase 8 (USP8) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ubiquitin Specific Peptidase 8 (USP8) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for USP8 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ubiquitin Specific Peptidase 8 (USP8). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ubiquitin Specific Peptidase 8 (USP8). 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 Ubiquitin Specific Peptidase 8 (USP8), 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 Ubiquitin Specific Peptidase 8 (USP8) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83405557
NCBI GeneID	9101
UniProt Accession #	P40818; Q2TB31; Q7Z3U2; Q86VA0; Q8IWI7; B4DKA8
Molecular Weight	115,080 Da
NCBI Official Full Name	Ubiquitin specific peptidase 8
NCBI Official Synonym Full Names	ubiquitin specific peptidase 8
NCBI Official Symbol	USP8
NCBI Official Synonym Symbols	UBPY; PITA4; SPG59; HumORF8
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 8
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 8
UniProt Gene Name	USP8
UniProt Synonym Gene Names	KIAA0055; UBPY; hUBPy

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/ubiquitin-specific-peptidase-8-usp8/186745>