

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

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CATALOG #
AAA63343

REACTIVITY
Human

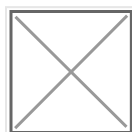
PRODUCT SYNONYMS

Ubiquitin Specific Peptidase 8 (USP8); Human Ubiquitin Specific Peptidase 8 (USP8) ELISA Kit; hnRNP K; HNRNPK; Transformation up-regulated nuclear protein; TUNP; USP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of USP8. No significant cross-reactivity or interference between USP8 and analogues was observed.
Sequence Length	1118
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.101ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level USP8 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 USP8 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 USP8 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of USP8 in human tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to USP8. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 USP8 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	190684692
NCBI GeneID	9101
NCBI Accession #	NP_001122082.1
NCBI GenBank Nucleotide #	NM_001128610.2
UniProt Accession #	P40818; Q2TB31; Q7Z3U2; Q86VA0; Q8IWI7; B4DKA8
Molecular Weight	115,080 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 8 isoform a
NCBI Official Synonym Full Names	ubiquitin specific peptidase 8
NCBI Official Symbol	USP8
NCBI Official Synonym Symbols	UBPY; 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-usp8/63343>