

Human USP1 (Ubiquitin carboxyl-terminal hydrolase 1) ELISA Kit | USP1 elisa kit

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CATALOG #
AAA249953

REACTIVITY
Human

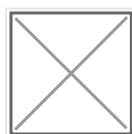
PRODUCT SYNONYMS

USP1 (Ubiquitin carboxyl-terminal hydrolase 1); Human USP1 (Ubiquitin carboxyl-terminal hydrolase 1) ELISA Kit; Ubiquitin carboxyl-terminal hydrolase 1; Deubiquitinating enzyme 1; hUBP; Ubiquitin thioesterase 1; Ubiquitin-specific-processing protease 1; USP1; USP1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of USP1. No significant cross-reactivity or interference between USP1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
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 USP1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643657
NCBI GeneID	7398

UniProt Accession #	O94782; Q05BX7; Q59H66; Q9UFR0; Q9UNJ3; A0PJ95; D3DQ57
Molecular Weight	785
NCBI Official Full Name	Ubiquitin carboxyl-terminal hydrolase 1
NCBI Official Synonym Full Names	ubiquitin specific peptidase 1
NCBI Official Symbol	USP1
NCBI Official Synonym Symbols	UBP
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 1; hUBP; ubiquitin thioesterase 1; deubiquitinating enzyme 1; ubiquitin thiolesterase 1; ubiquitin specific protease 1; ubiquitin carboxyl terminal hydrolase 1; ubiquitin specific processing protease 1; ubiquitin-spec
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 1
UniProt Gene Name	USP1
UniProt Synonym Gene Names	hUBP
UniProt Entry Name	UBP1_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/usp1-ubiquitin-carboxyl-terminal-hydrolase-1/249953>