

Human USP22 (Ubiquitin thioesterase 22) ELISA Kit | USP22 elisa kit

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CATALOG #
AAA250706

REACTIVITY
Human

PRODUCT SYNONYMS

USP22 (Ubiquitin thioesterase 22); Human USP22 (Ubiquitin thioesterase 22) ELISA Kit; USP22; Ubiquitin carboxyl-terminal hydrolase 22; Deubiquitinating enzyme 22; Ubiquitin thioesterase 22; Ubiquitin-specific-processing protease 22; USP22 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of USP22. No significant cross-reactivity or interference between USP22 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

ADDITIONAL INFORMATION

Related Product Information for USP22 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	78103328
NCBI GeneID	23326
UniProt Accession #	Q9UPT9; Q2NLE2; Q6MZY4; Q8TBS8; Q96IW5; A0JNS3
Molecular Weight	525
NCBI Official Full Name	Ubiquitin carboxyl-terminal hydrolase 22
NCBI Official Synonym Full Names	ubiquitin specific peptidase 22
NCBI Official Symbol	USP22

NCBI Official Synonym Symbols	USP3L
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 22; ubiquitin thioesterase 22; deubiquitinating enzyme 22; ubiquitin thiolesterase 22; ubiquitin specific protease 22; ubiquitin-specific processing protease 22; ubiquitin-specific-processing protease 22
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 22
UniProt Gene Name	USP22
UniProt Synonym Gene Names	KIAA1063; USP3L
UniProt Entry Name	UBP22_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://www.aaabiotech.com/human-elisa-kits/usp22-ubiquitin-thioesterase-22/250706>