

Human Ubiquitin Carboxyl-Terminal Hydrolase 8 (USP8) ELISA Kit | USP8 elisa kit

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CATALOG #
AAA330304

REACTIVITY
Human

PRODUCT SYNONYMS

Ubiquitin Carboxyl-Terminal Hydrolase 8 (USP8); Human Ubiquitin Carboxyl-Terminal Hydrolase 8 (USP8) ELISA Kit; USP8; FLJ34456; HumORF8; KIAA0055; MGC129718; UBPY; ubiquitin specific protease 8; USP8 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ubiquitin carboxyl-terminal hydrolase 8 (USP8) ELISA Kit has high sensitivity and excellent specificity for detection of Human USP8. No significant cross-reactivity or interference between Human USP8 and analogues was observed.
Sequence Length	1118
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Ubiquitin carboxyl-terminal hydrolase 8 (USP8) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for USP8 elisa kit	Description: This Human Ubiquitin carboxyl-terminal hydrolase 8 (USP8) ELISA Kit employs a two-site sandwich ELISA to quantitate USP8 in samples. An antibody specific for USP8 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any USP8 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for USP8 is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of USP8 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Ubiquitin, a highly conserved protein involved in the regulation of intracellular protein breakdown, cell cycle regulation, and stress response, is released from degraded proteins by disassembly of the polyubiquitin chains. During analysis of randomly sampled human coding sequences from the myeloid cell line KG-1, Nomura et al. (1994) identified a novel cDNA, which they referred to as KIAA0055, that was related to the tre2 oncogene. Janssen et al. (1998) found that HUMORF8 encodes a putative deubiquitinating enzyme. Janssen et al. (1998) analyzed DNA from a patient with chronic myeloproliferative disorder. They identified an oncogenic fusion of the 5-prime end of p85-beta with the 3-prime end of HUMORF8.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	83405557
NCBI GeneID	9101
UniProt Accession #	P40818
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.