

Human Ubiquitin Specific Peptidase 14 (USP14) RTU ELISA Kit | USP14 rtu elisa kit

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CATALOG #
AAA219121

REACTIVITY
Human

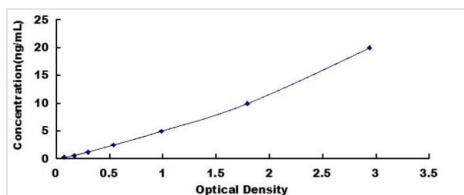
PRODUCT SYNONYMS

Ubiquitin Specific Peptidase 14 (USP14); Human Ubiquitin Specific Peptidase 14 (USP14) ELISA Kit; TGT; tRNA-Guanine Transglycosylase; Ubiquitin Specific Protease 14; Deubiquitinating enzyme 14; Ubiquitin carboxyl-terminal hydrolase 14; USP14 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	459
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	0.312-20ng/mL
Sensitivity	0.108ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for USP14 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to USP14. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to USP14. 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 USP14, 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 $\pm$ 10nm. The concentration of USP14 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	82880645
NCBI GeneID	9097
NCBI Accession #	NP_001032411.1
NCBI GenBank Nucleotide #	NM_001037334.1
UniProt Accession #	P54578; Q53XY5; B7Z4N8; J3QRZ5
Molecular Weight	54,770 Da
NCBI Official Full Name	ubiquitin carboxyl-terminal hydrolase 14 isoform b
NCBI Official Synonym Full Names	ubiquitin specific peptidase 14
NCBI Official Symbol	USP14
NCBI Official Synonym Symbols	TGT
NCBI Protein Information	ubiquitin carboxyl-terminal hydrolase 14
UniProt Protein Name	Ubiquitin carboxyl-terminal hydrolase 14
UniProt Gene Name	USP14
UniProt Synonym Gene Names	TGT

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-rtu-elisa-kits/ubiquitin-specific-peptidase-14-usp14/219121>