

Human Ubiquitin, Ub ELISA Kit | Ub elisa kit

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CATALOG #
AAA41520

REACTIVITY
Human

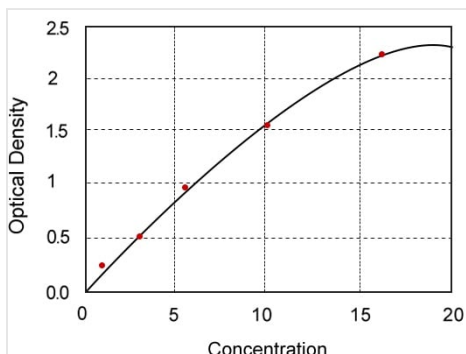
PRODUCT SYNONYMS

Ubiquitin; Ub; Human Ubiquitin; Ub ELISA Kit; Ub elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	156
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	10pg/ml - 4000pg/ml
Sensitivity	5.13pg/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Ub elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Ubiquitin (also known as UB) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human UB antibody. UB present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human UB Antibody is added and binds to UB in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated UB antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human UB. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	37571
NCBI GeneID	6233
UniProt Accession #	P62979; P02248; P02249; P02250; P14798; P62988; Q29120; Q6LBL4; Q6LDU5; Q8WYN8; Q91887; Q91888
Molecular Weight	17,965 Da
NCBI Official Full Name	ubiquitin
NCBI Official Synonym Full Names	ribosomal protein S27a
NCBI Official Symbol	RPS27A
NCBI Official Synonym Symbols	UBC; S27A; CEP80; UBA80; HEL112; UBCEP1; UBCEP80
NCBI Protein Information	ubiquitin-40S ribosomal protein S27a
UniProt Protein Name	Ubiquitin-40S ribosomal protein S27a
UniProt Gene Name	RPS27A
UniProt Synonym Gene Names	UBA80; UBCEP1

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-ub/41520>