

Rabbit Ubiquitin ELISA Kit | UB elisa kit

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CATALOG #
AAA84040

REACTIVITY
Rabbit

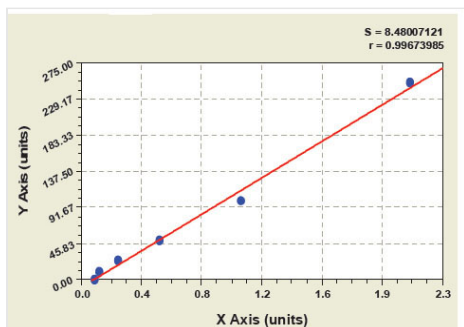
PRODUCT SYNONYMS

Ubiquitin; Rabbit Ubiquitin ELISA Kit; UB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rabbit
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	10-250ng/mL
Sensitivity	1.0ng/mL
Intended Uses	This UB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rabbit UB. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UB elisa kit

Principle of the Assay: UB ELISA kit applies the quantitative sandwich enzyme immunoassay technique. The microtiter plate has been pre-coated with a monoclonal antibody specific for UB. Standards or samples are then added to the microtiter plate wells and UB if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of UB present in the sample, a standardized preparation of horseradish peroxidase (HRP) -conjugated polyclonal antibody, specific for UB are added to each well to "sandwich" the UB immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, substrate solutions are added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period. Only those wells that contain UB and enzyme-conjugated antibody will exhibit a change in color. The enzyme-substrate reaction is terminated by addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The UB concentration in each sample is interpolated from this standard curve.

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; ubiquitin C; ubiquitin-CEP80; epididymis luminal protein 112; ubiquitin and ribosomal protein S27a; ubiquitin carboxyl extension protein 80
UniProt Protein Name	Ubiquitin-40S ribosomal protein S27a
UniProt Gene Name	RPS27A
UniProt Synonym Gene Names	UBA80; UBCEP1
UniProt Entry Name	RS27A_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.