

Goat Ubiquitin ELISA Kit | UB elisa kit

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CATALOG #
AAA89138

REACTIVITY
Goat

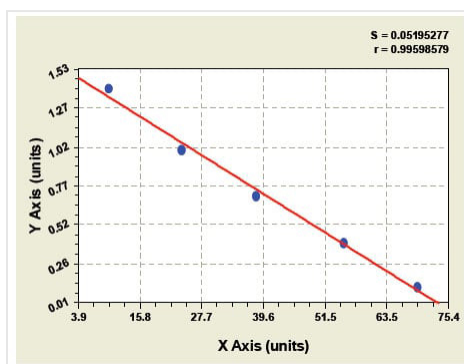
PRODUCT SYNONYMS

Ubiquitin; Goat Ubiquitin ELISA Kit; UB elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Goat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This UB ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Goat 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 competitive enzyme immunoassay technique utilizing a monoclonal anti-UB antibody and an UB-HRP conjugate. The assay sample and buffer are incubated together with UB-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the UB concentration since UB from samples and UB-HRP conjugate compete for the anti-UB antibody binding site. Since the number of sites is limited, as more sites are occupied by UB from the sample, fewer sites are left to bind UB-HRP conjugate. 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.

Product Categories/Family for UB elisa kit

Neurobiology

NCBI AND UNIPROT INFORMATION

NCBI GI #	37571
NCBI GeneID	6233
UniProt Accession #	P62979; P02248; P02249; P02250; P14798; P62988; Q29120; Q6LBL4; Q6LDU5; Q8WYN8; Q91887; Q91888; Q49A90; Q5RKT7; Q8WYN9
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; UBCEP1; UBCEP80
NCBI Protein Information	ubiquitin-40S ribosomal protein S27a; ubiquitin C; ubiquitin-CEP80; 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.