

Human Ubiquilin-2 (UBQLN2) ELISA Kit | UBQLN2 elisa kit

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CATALOG #
AAA330320

REACTIVITY
Human

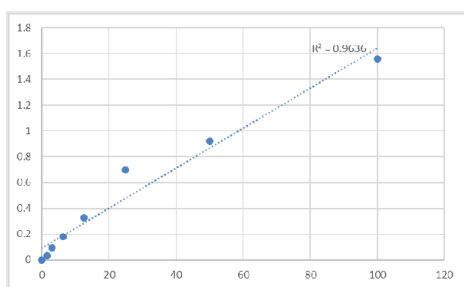
PRODUCT SYNONYMS

Ubiquilin-2 (UBQLN2); Human Ubiquilin-2 (UBQLN2) ELISA Kit; UBQLN2; CHAP1; DSK2; FLJ10167; FLJ56541; HRIHFB2157; N4BP4; PLIC2; Nedd4 binding protein 4; protein linking IAP with cytoskeleton 2; ubiquitin-like product Chap1/Dsk2; UBQLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Ubiquilin-2 (UBQLN2) ELISA Kit has high sensitivity and excellent specificity for detection of Human UBQLN2. No significant cross-reactivity or interference between Human UBQLN2 and analogues was observed.
Sequence Length	624
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 Ubiquilin-2 (UBQLN2) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for UBQLN2 elisa kit	Description: This Human Ubiquilin-2 (UBQLN2) ELISA Kit employs a two-site sandwich ELISA to quantitate UBQLN2 in samples. An antibody specific for UBQLN2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any UBQLN2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for UBQLN2 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 UBQLN2 bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Ubiquilin-2 is a ubiquitin-like protein (ubiquilin) that shares high degree of similarity with related products in yeast, rat and frog. Ubiquilins contain a N-terminal ubiquitin-like domain and a C-terminal ubiquitin-associated domain. They physically associate with both proteasomes and ubiquitin ligases, and thus thought to functionally link the ubiquitination machinery to the proteasome to affect in vivo protein degradation. This ubiquilin has also been shown to bind the ATPase domain of the Hsp70-like Stch protein. The predicted 624-amino acid PLIC2 protein, also called UBQLN2, shares 72% amino acid identity with PLIC1. Two motifs are conserved in the mammalian PLICs and yeast Dsk2, an N-terminal ubiquitin-like (UBL) domain and a C-terminal ubiquitin-associated (UBA) domain.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16753207
NCBI GeneID	29978
NCBI Accession #	NP_038472.2
NCBI GenBank Nucleotide #	NP_038472.2
UniProt Accession #	Q9UHD9
NCBI Official Full Name	ubiquilin-2
NCBI Official Synonym Full Names	ubiquilin 2
NCBI Official Symbol	UBQLN2
NCBI Official Synonym Symbols	DSK2; ALS15; CHAP1; N4BP4; PLIC2; HRIHFB2157
NCBI Protein Information	ubiquilin-2
UniProt Protein Name	Ubiquilin-2
UniProt Gene Name	UBQLN2
UniProt Synonym Gene Names	N4BP4; PLIC2; PLIC-2; hPLIC-2
UniProt Entry Name	UBQL2_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.