

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

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CATALOG #
AAA140014

REACTIVITY
Human

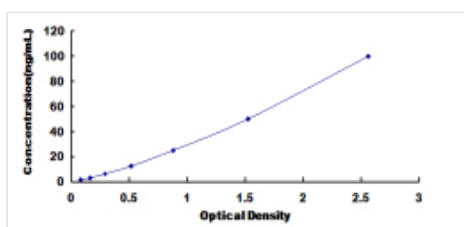
PRODUCT SYNONYMS

Ubiquilin 2 (UBQLN2); Human Ubiquilin 2 (UBQLN2) ELISA Kit; CHAP1; CHAP1/DSK2; Dsk2; LIC-2; N4BP4; PLIC-2; PLIC2; NEDD4 Binding Protein 4; Protein linking IAP with cytoskeleton 2; Ubiquitin-like product Chap1/Dsk2; UBQLN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Ubiquilin 2 (UBQLN2). No significant cross-reactivity or interference between Ubiquilin 2 (UBQLN2) and analogues was observed.
Sequence Length	624
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	1.56-100ng/mL
Sensitivity	0.64ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Ubiquilin 2 (UBQLN2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Ubiquilin 2 (UBQLN2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for UBQLN2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Ubiquilin 2 (UBQLN2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Ubiquilin 2 (UBQLN2). 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 Ubiquilin 2 (UBQLN2), 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 ± 10nm. The concentration of Ubiquilin 2 (UBQLN2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for UBQLN2 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	119613639
NCBI GeneID	29978
UniProt Accession #	Q9UHD9; O94798; Q5D027; Q9H3W6; Q9HAZ4
Molecular Weight	65,696 Da
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.