

Human Protein KIBRA ELISA Kit | WWC1 elisa kit

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CATALOG #
AAA98342

REACTIVITY
Human

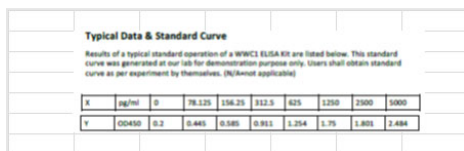
PRODUCT SYNONYMS

Protein KIBRA; Human Protein KIBRA ELISA Kit; WWC1/KIAA0869/KIBRA/WW domain-containing protein 1/HBeAg-binding protein 3/Kidney and brain protein; WWC1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of WWC1. No significant cross-reactivity or interference between WWC1 and analogues was observed.
Sequence Length	1118
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	78.125-5000pg/ml
Sensitivity	46.875pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level WWC1 were tested 20 times on one plate, respectively. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level WWC1 were tested on 3 different plates, 8 replicates in each plate. CV (%) = SD/meanX100. Inter-Assay: CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for WWC1 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-WWC1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti- WWC1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRPStreptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the WWC1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of WWC1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	242247257
NCBI GeneID	23286
NCBI Accession #	NP_001155134.1
NCBI GenBank Nucleotide #	NM_001161662.1
Molecular Weight	125,905 Da
NCBI Official Full Name	protein KIBRA isoform 2
NCBI Official Synonym Full Names	WW and C2 domain containing 1
NCBI Official Symbol	WWC1
NCBI Official Synonym Symbols	KIBRA; HBEBP3; HBEBP36; MEMRYQTL; PPP1R168
NCBI Protein Information	protein KIBRA
UniProt Protein Name	Protein KIBRA
UniProt Gene Name	WWC1
UniProt Synonym Gene Names	KIAA0869; KIBRA
UniProt Entry Name	KIBRA_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.

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Online datasheet: <https://stage.aaabiotech.com/wwc1-human-elisa-kits/protein-kibra/98342>