

Human Cell division control protein 42 homolog ELISA Kit | CDC42 elisa kit

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CATALOG #
AAA98672

REACTIVITY
Human

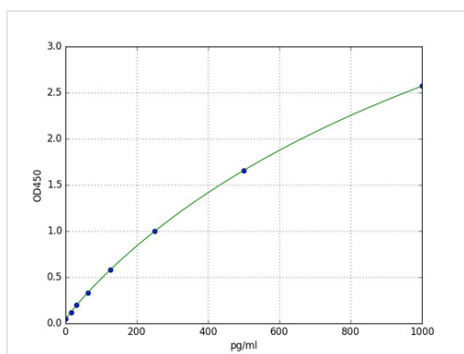
PRODUCT SYNONYMS

Cell division control protein 42 homolog; Human Cell division control protein 42 homolog ELISA Kit; CDC42 (Cell division control protein 42 homolog)/G25K GTP-binding protein; CDC42 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	191
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
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)

Typical Data & Standard Curve

Results of a typical standard run of a Human CDC42 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	15.6	31.2	62.5	125	250	500	1000
Y	OD450	0.019	0.050	0.081	0.114	0.295	0.341	1.078	2.060

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CDC42 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human CDC42 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human CDC42 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 Human CDC42 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human CDC42 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	89903012
NCBI GeneID	998
NCBI Accession #	NP_001034891.1
NCBI GenBank Nucleotide #	NM_001039802.1
Molecular Weight	21,311 Da
NCBI Official Full Name	cell division control protein 42 homolog isoform 1
NCBI Official Synonym Full Names	cell division cycle 42
NCBI Official Symbol	CDC42
NCBI Official Synonym Symbols	TKS; G25K; CDC42Hs
NCBI Protein Information	cell division control protein 42 homolog
UniProt Protein Name	Cell division control protein 42 homolog
UniProt Gene Name	CDC42
UniProt Entry Name	CDC42_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/cdc42-human-elisa-kits/cell-division-control-protein-42-homolog/98672>