

Human Calponin-2 ELISA Kit | CNN2 elisa kit

Human Calponin-2 ELISA Kit

CATALOG #
AAA99733

REACTIVITY
Human

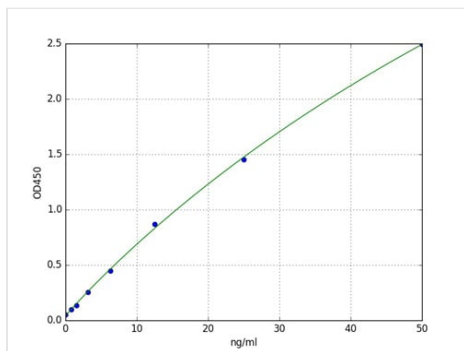
PRODUCT SYNONYMS

Calponin-2; Human Calponin-2 ELISA Kit; CNN2/Calponin-2/Calponin H2; smooth muscle/Neutral calponin; CNN2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	330
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.781-50ng/ml
Sensitivity	0.469ng/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 CNN2 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	ng/ml	0	0.781	1.563	3.125	6.25	12.5	25	50
Y	OD450	0.018	0.311	0.527	0.884	1.291	1.953	2.166	2.352

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNN2 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-CNN2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-CNN2 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. HRP-Streptavidin 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 CNN2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of CNN2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

746576376

NCBI GeneID	1265
NCBI Accession #	NP_001290430.1
NCBI GenBank Nucleotide #	NM_001303501.1
Molecular Weight	29,500 Da
NCBI Official Full Name	calponin-2 isoform d
NCBI Official Synonym Full Names	calponin 2
NCBI Official Symbol	CNN2
NCBI Protein Information	calponin-2
UniProt Protein Name	Calponin-2
UniProt Gene Name	CNN2
UniProt Entry Name	CNN2_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cnn2-human-elisa-kits/calponin-2/99733>