

Human Calponin-1 ELISA Kit | CNN1 elisa kit

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CATALOG #
AAA310163

REACTIVITY
Human

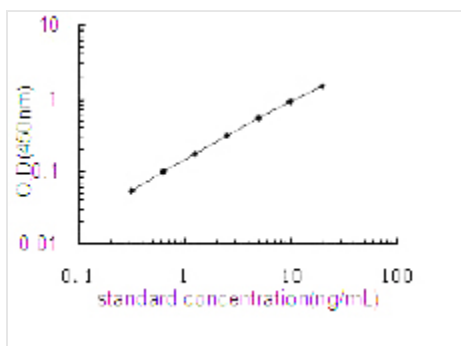
PRODUCT SYNONYMS

Calponin-1; Human Calponin-1 ELISA Kit; Basic calponin; Calponin H1; smooth muscle; CNN1; CNN1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay recognizes recombinant and natural human Calponin-1. No significant cross-reactivity or interference was observed.
Samples	Serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids
Detection Range	0.31 ng/mL -20.0 ng/mL
Sensitivity	<0.078 ng/mL.
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CNN1 elisa kit

Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of human Calponin-1 concentrations in serum, Plasma, tissue homogenates and Cell culture supernates and Other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Calponin-1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Calponin-1 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Calponin-1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The concentration of Calponin-1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	21361120
NCBI GeneID	1264
NCBI Accession #	NP_001290.2
NCBI GenBank Nucleotide #	NM_001299.5
UniProt Accession #	P51911; O00638; Q15416; Q8IY93; Q99438; B2R868; B4DUX6
Molecular Weight	31,055 Da
NCBI Official Full Name	calponin-1 isoform 1
NCBI Official Synonym Full Names	calponin 1
NCBI Official Symbol	CNN1
NCBI Official Synonym Symbols	SMCC; Sm-Calp; HEL-S-14
NCBI Protein Information	calponin-1
UniProt Protein Name	Calponin-1
UniProt Gene Name	CNN1

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://www.aaabiotech.com/cnn1-human-elisa-kits/calponin-1/310163>