

Human Caveolin-1, Cav-1 ELISA Kit | Cav-1 elisa kit

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CATALOG #
AAA42275

REACTIVITY
Human

PRODUCT SYNONYMS

Caveolin-1; Cav-1; Human Caveolin-1; Cav-1 ELISA Kit; Cav-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	147
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.3ng/ml - 90ng/ml
Sensitivity	0.151ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cav-1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of human Caveolin-1 (also known as Cav-1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with human Cav-1 antibody. Cav-1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated human Cav-1 Antibody is added and binds to Cav-1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated Cav-1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of human Cav-1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	340139110
NCBI GeneID	12389
NCBI Accession #	NP_001229993.1
NCBI GenBank Nucleotide #	NM_001243064.1
UniProt Accession #	P49817; Q8C1X7; Q8CBP4; Q9QYH3; Q9QYH4
Molecular Weight	17,090 Da
NCBI Official Full Name	caveolin-1 isoform 2
NCBI Official Synonym Full Names	caveolin 1, caveolae protein
NCBI Official Symbol	Cav1
NCBI Official Synonym Symbols	Cav; Cav-1
NCBI Protein Information	caveolin-1
UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav

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/human-elisa-kits/caveolin-1-cav-1/42275>