

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

Human Cav-1 (Caveolin-1) ELISA Kit

CATALOG #
AAA165341

REACTIVITY
Human

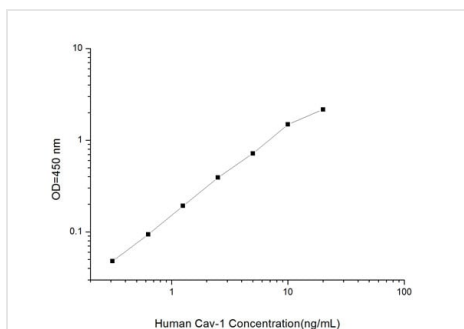
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes natural and recombinant Human Cav-1. No significant cross-reactivity or interference between Human Cav-1 and analogues was observed.
Sequence Length	147
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cav-1 elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human Cav-1 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Cav-1. Standards or samples are added to the appropriate micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Cav-1 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Cav-1, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Cav-1. You can calculate the concentration of Cav-1 in the samples by comparing the OD of the samples to the standard curve.
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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; caveolin, caveolae protein 1; caveolin, caveolae protein, 22 kDa
UniProt Protein Name	Caveolin-1
UniProt Gene Name	Cav1
UniProt Synonym Gene Names	Cav
UniProt Entry Name	CAV1_MOUSE

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.