

Human Caveolin 1 (CAV1) ELISA Kit | CAV1 elisa kit

Human Caveolin 1 ELISA Kit (CAV1)

CATALOG #
AAA281415

REACTIVITY
Human

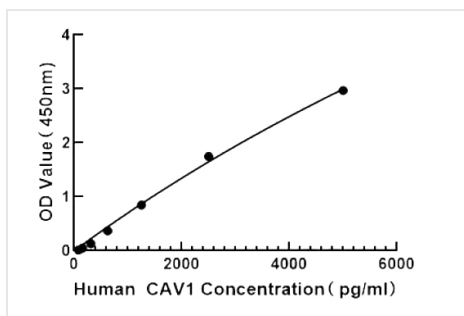
PRODUCT SYNONYMS

Caveolin 1 (CAV1); Human Caveolin 1 ELISA Kit (CAV1); CAV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of CAV1. No significant cross-reactivity or interference between CAV1 and analogues was observed.
Sequence Length	178
Assay Type	Quantitative Sandwich
Sensitivity	< 0.93 pg/mL
Intra-assay Precision	Intra-plate Precision 3 samples with low, middle and high level CAV1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-plate Precision 3 samples with low, middle and high level CAV1 were tested on 3 different plates, 20 replicates in each plate. Inter-Assay: CV<15%
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAV1 elisa kit	Background: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of CAV1 in human serum, plasma, cell culture supernatants, cell lysates, tissue homogenates and other biological fluids. Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. An antibody specific for human CAV1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any CAV1 present is bound by the immobilized antibody. After washing away any unbound substances, and then a detection antibody specific for CAV1 is added to the wells and binds to the combination of capture antibody CAV1 in sample. Following a wash to remove any unbound combination, and enzyme conjugate is added to the wells. Following incubation and wash steps, a substrate solution is added to the wells and color develops in proportion to the amount of CAV1 bound in the initial step. The color development is stopped and the absorbance is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15451856
NCBI GeneID	857
NCBI Accession #	NP_001744.2
NCBI GenBank Nucleotide #	NM_001753.5
UniProt Accession #	Q03135; Q9UGP1; Q9UNG1; Q9UQH6
Molecular Weight	17,023 Da
NCBI Official Full Name	caveolin-1 isoform alpha
NCBI Official Synonym Full Names	caveolin 1
NCBI Official Symbol	CAV1
NCBI Official Synonym Symbols	CGL3; PPH3; BSCL3; LCCNS; VIP21; MSTP085
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.