

Rat CAV-1 ELISA Kit | Cav-1 elisa kit

Rat CAV-1 (Caveolin-1)ELISA Kit

CATALOG #
AAA165247

REACTIVITY
Rat

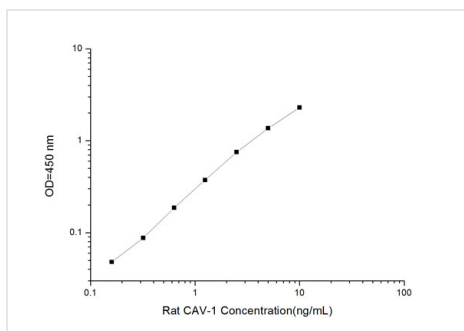
PRODUCT SYNONYMS

CAV-1; Rat CAV-1 (Caveolin-1)ELISA Kit; Cav-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat Cav-1. No significant cross-reactivity or interference between Rat Cav-1 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat Cav-1 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	147
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cav-1 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of Cav-1 in Rat 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 Rat Cav-1. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat 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 Rat 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 Rat Cav-1. You can calculate the concentration of Rat 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.

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Online datasheet: <https://www.aaabiotech.com/rat-elisa-kits/cav-1/165247>