

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

Rat Caveolin-1 ELISA Kit

CATALOG #
AAA99728

REACTIVITY
Rat

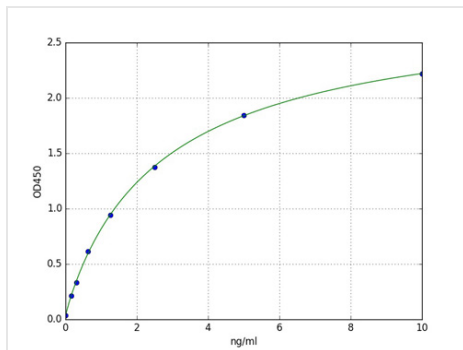
PRODUCT SYNONYMS

Caveolin-1; Rat Caveolin-1 ELISA Kit; Cav-1/CAV1/MSTP085/VIP21/CAV/caveolae protein; 22kD/caveolin 1; caveolae protein; 22kDa/cell growth-inhibiting protein 32/MSTP085; Cav-1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	147
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Typical Data & Standard Curve

Results of a typical standard run of a Rat Cav-1 ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.068	0.124	0.187	0.344	0.607	0.974	1.472	2.541

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Cav-1 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat Cav-1 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat Cav-1 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat Cav-1 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat Cav-1 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	290542363
NCBI GeneID	857
NCBI Accession #	NP_001166368.1
NCBI GenBank Nucleotide #	NM_001172897.1
Molecular Weight	17,023 Da
NCBI Official Full Name	caveolin-1 isoform beta
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
UniProt Entry Name	CAV1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/cav-1-rat-elisa-kits/caveolin-1/99728>