

Chicken Caveolin 1 ELISA Kit | CAV1 elisa kit

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CATALOG #
AAA89883

REACTIVITY
Chicken

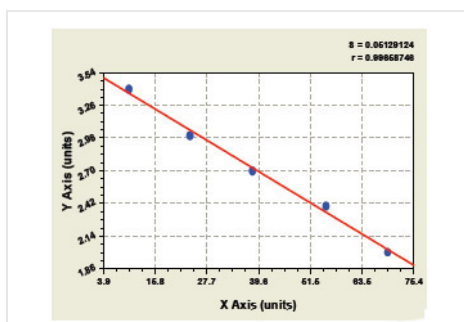
PRODUCT SYNONYMS

Caveolin 1; Chicken Caveolin 1 ELISA Kit; CAV1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Chicken
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	1.0 pg/mL.
Intended Uses	This CAV1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Chicken CAV1. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for CAV1 elisa kit

Principle of the Assay: CAV1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-CAV1 antibody and an CAV1-HRP conjugate. The assay sample and buffer are incubated together with CAV1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the CAV1 concentration since CAV1 from samples and CAV1-HRP conjugate compete for the anti-CAV1 antibody binding site. Since the number of sites is limited, as more sites are occupied by CAV1 from the sample, fewer sites are left to bind CAV1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The CAV1 concentration in each sample is interpolated from this standard curve.

Product Categories/Family for CAV1 elisa kit

[Epigenetics and Nuclear Signaling](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	4972627
NCBI GeneID	857
Molecular Weight	17,023 Da
NCBI Official Full Name	caveolin 1, partial
NCBI Official Synonym Full Names	caveolin 1, caveolae protein, 22kDa
NCBI Official Symbol	CAV1
NCBI Official Synonym Symbols	CGL3; PPH3; BSCL3; LCCNS; VIP21; MSTP085
NCBI Protein Information	caveolin-1; cell growth-inhibiting protein 32
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.

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Online datasheet: <https://www.aaabiotech.com/cav1-chicken-elisa-kits/caveolin-1/89883>