

## Rat Caveolin 3 (CAV-3) ELISA Kit | CAV-3 elisa kit

Rat Caveolin 3 (CAV-3) ELISA Kit

CATALOG #  
**AAA121149**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Caveolin 3 (CAV-3); Rat Caveolin 3 (CAV-3) ELISA Kit; CAV-3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 151                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 10ng/L - 2000ng/L                                                        |
| Sensitivity             | 5.23ng/L                                                                 |
| Intra-Assay             | CV<8%                                                                    |
| Inter-Assay             | CV<10%                                                                   |
| Preparation and Storage | Store at 2 to 8 degree C for 6 months.                                   |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for CAV-3 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Caveolin 3 (also known as CAV-3) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

**Principles of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat CAV-3 antibody. CAV-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat CAV-3 Antibody is added and binds to CAV-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CAV-3 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat CAV-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                         |
|----------------------------------|-----------------------------------------|
| NCBI GI #                        | 15451860                                |
| NCBI GeneID                      | 859                                     |
| NCBI Accession #                 | NP_203123.1                             |
| NCBI GenBank Nucleotide #        | NM_033337.2                             |
| UniProt Accession #              | P56539; Q3T1A4; A8K777                  |
| Molecular Weight                 | 17,259 Da                               |
| NCBI Official Full Name          | caveolin-3                              |
| NCBI Official Synonym Full Names | caveolin 3                              |
| NCBI Official Symbol             | CAV3                                    |
| NCBI Official Synonym Symbols    | LQT9; MPDT; RMD2; VIP21; LGMD1C; VIP-21 |
| NCBI Protein Information         | caveolin-3                              |
| UniProt Protein Name             | Caveolin-3                              |
| UniProt Gene Name                | CAV3                                    |

**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://stage.aaabiotech.com/rat-elisa-kits/caveolin-3-cav-3/121149>