

## Mouse Cadherin-5, CDH5 ELISA Kit | CDH5 elisa kit

Mouse Cadherin-5, CDH5 ELISA Kit

CATALOG #  
**AAA123317**

REACTIVITY  
**Mouse**

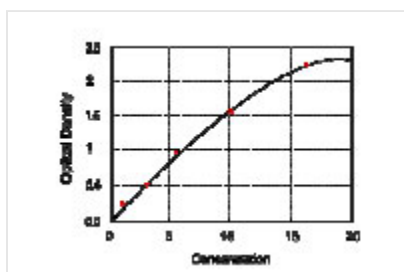
### PRODUCT SYNONYMS

Cadherin-5; CDH5; Mouse Cadherin-5; CDH5 ELISA Kit; CDH5 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                                                                                                                                                  |
|-------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                                                                                                                                            |
| Sequence Length         | 773                                                                                                                                                                                              |
| Samples                 | Serum, plasma, cell culture supernates, ascites, tissue homogenates or other biological fluids                                                                                                   |
| Assay Type              | Quantitative Sandwich                                                                                                                                                                            |
| Detection Range         | 0.05-30ng/mL                                                                                                                                                                                     |
| Sensitivity             | 0.024ng/mL                                                                                                                                                                                       |
| Intra-assay Precision   | Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%                              |
| Inter-assay Precision   | Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. 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 CDH5 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Mouse Cadherin-5 (also known as CDH5) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.

**Principle of the Assay:** This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Mouse CDH5 antibody. CDH5 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Mouse CDH5 Antibody is added and binds to CDH5 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated CDH5 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 Mouse CDH5. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |             |
|----------------------------------|-------------|
| NCBI GI #                        | 45383674    |
| NCBI GeneID                      | 374068      |
| NCBI GenBank Nucleotide #        | NP_989558.1 |
| UniProt Accession #              | Q8AYD0      |
| NCBI Official Full Name          | cadherin-5  |
| NCBI Official Synonym Full Names | cadherin 5  |
| NCBI Official Symbol             | CDH5        |
| NCBI Official Synonym Symbols    | cadherin-5  |
| NCBI Protein Information         | cadherin-5  |
| UniProt Protein Name             | Cadherin-5  |
| UniProt Gene Name                | CDH5        |
| UniProt Synonym Gene Names       | VE-cadherin |
| UniProt Entry Name               | CADH5_CHICK |

**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/mouse-elisa-kits/cadherin-5-cdh5/123317>