

## Mouse Gelsolin ELISA Kit | Gel elisa kit

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CATALOG #  
**AAA244489**

REACTIVITY  
**Mouse**

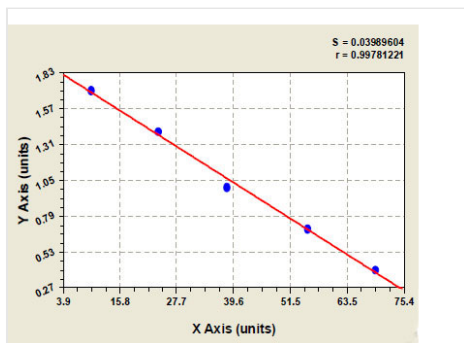
### PRODUCT SYNONYMS

Gelsolin; Mouse Gelsolin ELISA Kit; Gel elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate |
| Assay Type              | Competitive                                                                |
| Detection Range         | 25-500ng/mL                                                                |
| Sensitivity             | 1.0ng/mL                                                                   |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for Gel elisa kit

**Intended Uses:** This Gelsolin ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Mouse Gelsolin. This ELISA kit for research use only!

**Principle of the Assay**||Gelsolin ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-Gelsolin antibody and an Gelsolin-HRP conjugate. The assay sample and buffer are incubated together with Gelsolin-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 Gelsolin concentration since Gelsolin from samples and Gelsolin-HRP conjugate compete for the anti-Gelsolin antibody binding site. Since the number of sites is limited, as more sites are occupied by Gelsolin from the sample, fewer sites are left to bind Gelsolin-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The Gelsolin concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                    |
|----------------------------------|----------------------------------------------------|
| NCBI GI #                        | 51854227                                           |
| NCBI GeneID                      | 296654                                             |
| NCBI Accession #                 | NP_001004080.1                                     |
| NCBI GenBank Nucleotide #        | NM_001004080.1                                     |
| Molecular Weight                 | 80,929 Da                                          |
| NCBI Official Full Name          | gelsolin                                           |
| NCBI Official Synonym Full Names | gelsolin                                           |
| NCBI Official Symbol             | Gsn                                                |
| NCBI Protein Information         | gelsolin; ADF; brevin; actin-depolymerizing factor |
| UniProt Protein Name             | Gelsolin                                           |
| UniProt Gene Name                | Gsn                                                |
| UniProt Synonym Gene Names       | ADF                                                |
| UniProt Entry Name               | GELS_RAT                                           |

**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/gel-mouse-elisa-kits/gelsolin/244489>