

## Mouse Galanin ELISA Kit | GAL elisa kit

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CATALOG #  
**AAA86720**

REACTIVITY  
**Mouse**

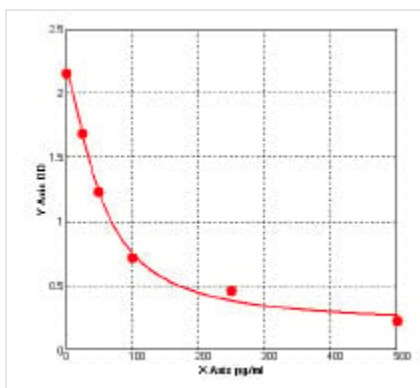
### PRODUCT SYNONYMS

Galanin; Mouse Galanin ELISA Kit; GAL elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Mouse                                                                      |
| Samples                 | Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 1.0 pg/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for GAL elisa kit

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

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

NCBI AND UNIPROT INFORMATION

|                         |              |
|-------------------------|--------------|
| NCBI GI #               | 999260       |
| NCBI Official Full Name | galanin, GAL |

**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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