

## Rat Galectin 3 (GAL-3) ELISA Kit | GAL-3 elisa kit

Rat Galectin 3 (GAL-3) ELISA Kit

CATALOG #  
**AAA121150**

REACTIVITY  
**Rat**

### PRODUCT SYNONYMS

Galectin 3 (GAL-3); Rat Galectin 3 (GAL-3) ELISA Kit; GAL-3 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                          |
|-------------------------|--------------------------------------------------------------------------|
| Reactivity              | Rat                                                                      |
| Sequence Length         | 264                                                                      |
| Samples                 | Serum, plasma, cell culture supernates, cell lysates, tissue homogenates |
| Assay Type              | Quantitative Sandwich                                                    |
| Detection Range         | 0.05ng/ml - 20ng/ml                                                      |
| Sensitivity             | 0.023ng/ml                                                               |
| 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 GAL-3 elisa kit

**Intended Uses:** This sandwich kit is for the accurate quantitative detection of Rat Galectin 3 (also known as GAL-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 GAL-3 antibody. GAL-3 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat GAL-3 Antibody is added and binds to GAL-3 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated GAL-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 GAL-3. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

|                                  |                                      |
|----------------------------------|--------------------------------------|
| NCBI GI #                        | 225543163                            |
| NCBI GeneID                      | 16854                                |
| NCBI Accession #                 | NP_001139425.1                       |
| NCBI GenBank Nucleotide #        | NM_001145953.1                       |
| UniProt Accession #              | P16110                               |
| Molecular Weight                 | 27,515 Da                            |
| NCBI Official Full Name          | galectin-3                           |
| NCBI Official Synonym Full Names | lectin, galactose binding, soluble 3 |
| NCBI Official Symbol             | Lgals3                               |
| NCBI Official Synonym Symbols    | GBP; L-34; gal3; Mac-2               |
| NCBI Protein Information         | galectin-3                           |
| UniProt Protein Name             | Galectin-3                           |
| UniProt Gene Name                | Lgals3                               |
| UniProt Synonym Gene Names       | Gal-3; CBP 35                        |

**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/galectin-3-gal-3/121150>