

## Monkey Galectin-1 (LGALS1) ELISA Kit | LGALS1 elisa kit

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CATALOG #  
**AAA246382**

REACTIVITY  
**Monkey**

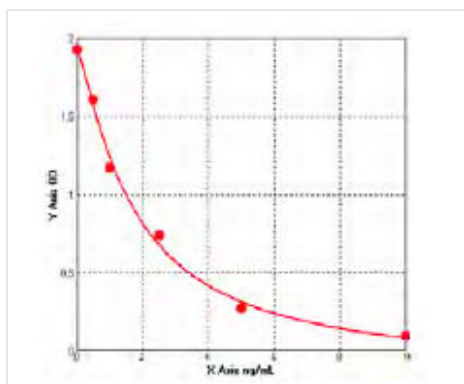
### PRODUCT SYNONYMS

Galectin-1 (LGALS1); Monkey Galectin-1 (LGALS1) ELISA Kit; LGALS1 elisa kit

### PRODUCT SPECIFICATIONS

|                         |                                                                            |
|-------------------------|----------------------------------------------------------------------------|
| Reactivity              | Monkey                                                                     |
| Samples                 | Serum, plasma, cell culture supernatants, body fluid and tissue homogenate |
| Assay Type              | Quantitative Competitive                                                   |
| Sensitivity             | 0.1 ng/mL.                                                                 |
| Preparation and Storage | Store all reagents at 2-8 degree C.                                        |

### IMAGES



Standard Curve (Sample)

### ADDITIONAL INFORMATION

#### Related Product Information for LGALS1 elisa kit

**Intended Uses:** This ANGPTL4 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Monkey LGALS1. This ELISA kit for research use only!

**Principle of the Assay:** ANGPTL4 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-ANGPTL4 antibody and an ANGPTL4-HRP conjugate. The assay sample and buffer are incubated together with ANGPTL4-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 ANGPTL4 concentration since ANGPTL4 from samples and ANGPTL4-HRP conjugate compete for the anti-ANGPTL4 antibody binding site. Since the number of sites is limited, as more sites are occupied by ANGPTL4 from the sample, fewer sites are left to bind ANGPTL4-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The ANGPTL4 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                                           |
|----------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 4504981                                                                                                                                                                                                                                                                   |
| NCBI GeneID                      | 3956                                                                                                                                                                                                                                                                      |
| NCBI Accession #                 | NP_002296.1                                                                                                                                                                                                                                                               |
| NCBI GenBank Nucleotide #        | NM_002305.3                                                                                                                                                                                                                                                               |
| Molecular Weight                 | 14,716 Da                                                                                                                                                                                                                                                                 |
| NCBI Official Full Name          | galectin-1                                                                                                                                                                                                                                                                |
| NCBI Official Synonym Full Names | lectin, galactoside-binding, soluble, 1                                                                                                                                                                                                                                   |
| NCBI Official Symbol             | LGALS1                                                                                                                                                                                                                                                                    |
| NCBI Official Synonym Symbols    | GBP; GAL1                                                                                                                                                                                                                                                                 |
| NCBI Protein Information         | galectin-1; HBL; HPL; gal-1; HLBP14; galaptin; galectin 1; 14 kDa lectin; S-Lac lectin 1; lactose-binding lectin 1; 14 kDa laminin-binding protein; putative MAPK-activating protein PM12; beta-galactoside-binding lectin L-14-I; beta-galactoside-binding protein 14kDa |
| UniProt Protein Name             | Galectin-1                                                                                                                                                                                                                                                                |
| UniProt Gene Name                | LGALS1                                                                                                                                                                                                                                                                    |
| UniProt Synonym Gene Names       | Gal-1; HLBP14                                                                                                                                                                                                                                                             |
| UniProt Entry Name               | LEG1_HUMAN                                                                                                                                                                                                                                                                |

**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.