

## Mouse Galectin-1 ELISA Kit (2 plates)

**Catalogue No.:** BEK-2176-2P

**Description:** The mouse Galectin-1 Kit is a sandwich ELISA. The capture antibody is a polyclonal mouse Galectin-1 antibody pre-coated onto the 96-well strip plates provided in the kit. Mouse test samples and standards of known Galectin-1 concentration are added to these wells and allowed to complex with the bound Galectin-1 antibody. A biotinylated mouse Galectin-1 polyclonal antibody is then added. This detection antibody binds to the antigen thus completing the sandwich. After washing, an enzyme Avidin-Biotin-Peroxidase complex (ABC) is added which binds to the second antibody. The peroxidase substrate TMB is added to induce a coloured reaction product. The intensity of this coloured product is directly proportional to the concentration of Galectin-1 present in the samples. The purpose of this kit is the in-vitro quantitative determination of mouse Galectin-1 in samples such as sera, plasma, tissue lysates and cell culture supernates. This kit has been configured for research use only and is not to be used in diagnostic or clinical procedures.

**Batch No.:** See product labels

**Other Names:** Galectin-1; Gal-1; 14 kDa lectin; Beta-galactoside-binding lectin L-14-I; Galaptin; Lactose-binding lectin 1; Lectin galactoside-binding soluble 1; S-Lac lectin 1;

**Accession:** P16045 LEG1\_MOUSE;

**Storage:** Store at 2-8C

**Kit components:** The ELISA kit box contains 2 x 96-well pre-coated strip plates, protein standards, detection reagents, substrate buffer and detailed protocols.

**Range:** 156 pg/mL - 10,000 pg/mL

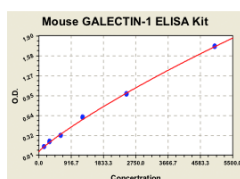
**Sensitivity:** < 5 pg/ml

**Kit protocol:** Please refer to our online product listing for current protocol/MSDS versions.

### Typical Mouse GALECTIN-1 ELISA Kit Standard Curve

(TMB reaction incubate at 37°C for 18 min)

Concentration	0 pg/ml	156 pg/ml	312 pg/ml	625 pg/ml	1250 pg/ml	2500 pg/ml	5000 pg/ml	10000 pg/ml
O.D.	0.068	0.143	0.223	0.317	0.609	0.976	1.730	2.638



This standard curve is for demonstration purposes only. A standard curve should be generated for each assay.

FOR RESEARCH USE ONLY