

Dog Galectin-3 ELISA Kit | LGALS3 elisa kit

Dog Galectin-3 ELISA Kit

CATALOG #
AAA309990

REACTIVITY
Dog

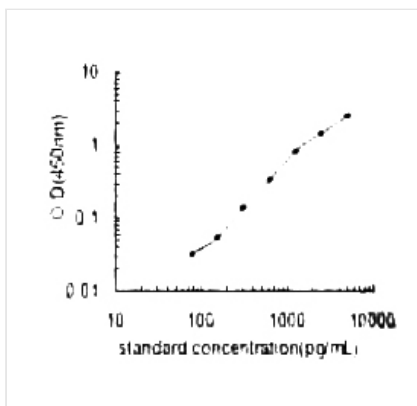
PRODUCT SYNONYMS

Galectin-3; Dog Galectin-3 ELISA Kit; Canis lupus familiaris; Gal-3; 35 kDa lectin; Carbohydrate-binding protein 35; CBP 35; Galactose-specific lectin 3; IgE-binding protein; Laminin-binding protein; Lectin L-29; Mac-2 antigen; LGALS3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Dog
Specificity	This assay recognizes recombinant and natural dog Gal-3. No significant cross-reactivity or interference was observed.
Samples	Serum, plasma, tissue homogenates and cell culture supernates and other biological fluids
Detection Range	78.0 pg/mL - 5000 pg/mL
Sensitivity	33 pg/mL
Intra-assay Precision	<=7.5%
Inter-assay Precision	<=9.2%
Preparation and Storage	Store at 4 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LGALS3 elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to Gal-3. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated polyclonal antibody preparation specific for Gal-3 and Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then a TMB substrate solution is added to each well. Only those wells that contain Gal-3, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of Gal-3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: This immunoassay kit allows for the in vitro quantitative determination of dog galectin-3 concentrations in serum, plasma, tissue homogenates and cell culture supernates and other biological fluids.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	1170758
NCBI GeneID	404021
UniProt Accession #	P38486
Molecular Weight	30,330 Da
NCBI Official Full Name	Galectin-3
NCBI Official Symbol	LGALS3
NCBI Official Synonym Symbols	Gal-3; CBP 35; Galectin-3
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/lgals3-dog-elisa-kits/galectin-3/309990>