

Human GAL12 ELISA Kit | GAL12 elisa kit

Human GAL12 (Galectin 12) ELISA Kit

CATALOG #
AAA164800

REACTIVITY
Human

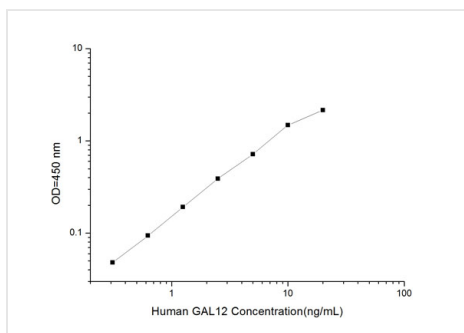
PRODUCT SYNONYMS

GAL12; Human GAL12 (Galectin 12) ELISA Kit; GAL12 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GAL12. No significant cross-reactivity or interference between Human GAL12 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human GAL12 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	266
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.313-20ng/mL
Sensitivity	Min: 0.188ng/mL; Max: 20ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL12 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GAL12 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human GAL12. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human GAL12 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human GAL12, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human GAL12. You can calculate the concentration of Human GAL12 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	216547832
NCBI GeneID	85329
NCBI Accession #	NP_001136010.1
NCBI GenBank Nucleotide #	NM_001142538.1
UniProt Accession #	Q96DT0; Q96DS9; Q96PR9; Q9H258; Q9H259; Q9NZ02; B2R9N2; G5E970
Molecular Weight	37,629 Da
NCBI Official Full Name	galectin-12 isoform 5
NCBI Official Synonym Full Names	lectin, galactoside-binding, soluble, 12
NCBI Official Symbol	LGALS12
NCBI Official Synonym Symbols	GAL12; GRIP1
NCBI Protein Information	galectin-12; galectin 12; galectin-related inhibitor of proliferation
UniProt Protein Name	Galectin-12
UniProt Gene Name	LGALS12
UniProt Synonym Gene Names	GRIP1; Gal-12
UniProt Entry Name	LEG12_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.