

Human Galectin 14 ELISA Kit | GAL14 elisa kit

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CATALOG #
AAA85619

REACTIVITY
Human

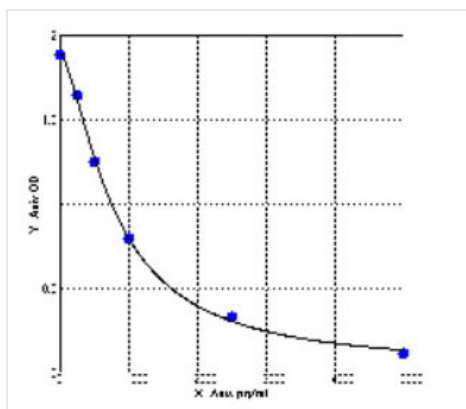
PRODUCT SYNONYMS

Galectin 14; Human Galectin 14 ELISA Kit; GAL14 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GAL14. No significant cross-reactivity or interference between GAL14 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GAL14 and all the analogues, therefore, cross reaction may still exist in some cases.
Assay Type	Quantitative Competitive or Sandwich
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Sensitivity	1.0 pg/mL
Highest Standards	25ng/mL
Concentration of Standards	Concentration of Standards
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL14 elisa kit	Principle of the Assay: GAL14 ELISA kit applies the competitive enzyme immunoassay technique utilizing an anti-GAL14 antibody and an GAL14-HRP conjugate. The assay sample and buffer are incubated together with GAL14-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 GAL14 concentration since GAL14 from samples and GAL14-HRP conjugate compete for the anti-GAL14 antibody binding site. Since the number of sites is limited, as more sites are occupied by GAL14 from the sample, fewer sites are left to bind GAL14-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GAL14 concentration in each sample is interpolated from this standard curve. Intended Uses: This GAL14 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human GAL14. This ELISA kit for research use only, not for therapeutic or test applications!
Product Categories/Family for GAL14 elisa kit	Cell Biology

NCBI AND UNIPROT INFORMATION

NCBI GI #	123885252
Molecular Weight	6,596 Da
NCBI Official Full Name	Gallinacin-14
UniProt Protein Name	Gallinacin-14
UniProt Gene Name	GAL14
UniProt Synonym Gene Names	Gal-14
UniProt Entry Name	GLL14_CHICK

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://www.aaabiotech.com/gal14-human-elisa-kits/galectin-14/85619>