

Human Galanin ELISA Kit | GAL elisa kit

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CATALOG #
AAA16233

REACTIVITY
Human

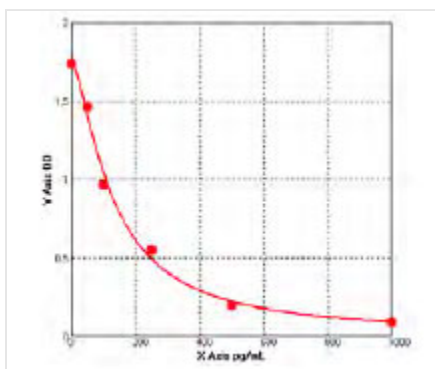
PRODUCT SYNONYMS

Galanin; Human Galanin ELISA Kit; GAL elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAL elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	999260
NCBI Official Full Name	galanin, GAL

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/gal-human-elisa-kits/galanin/16233>