

Mouse Beta-1, 3-N-acetylglucosaminyltransferase lunatic fringe (LFNG) ELISA Kit | LFNG elisa kit

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CATALOG #
AAA246189

REACTIVITY
Mouse

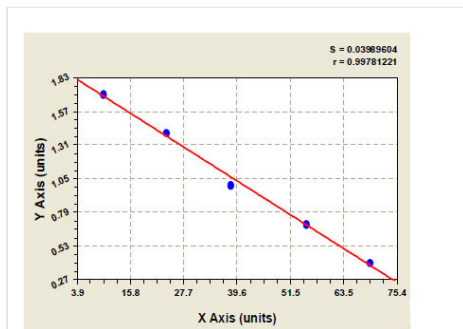
PRODUCT SYNONYMS

Beta-1; 3-N-acetylglucosaminyltransferase lunatic fringe (LFNG); Mouse Beta-1; 3-N-acetylglucosaminyltransferase lunatic fringe (LFNG) ELISA Kit; LFNG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Detection Range	5.0-100ng/mL
Sensitivity	0.1ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for LFNG elisa kit

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

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	683474953
UniProt Accession #	O12971; O13130
Molecular Weight	40,658 Da
NCBI Official Full Name	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe, partial
UniProt Protein Name	Beta-1,3-N-acetylglucosaminyltransferase lunatic fringe
UniProt Gene Name	LFNG
UniProt Entry Name	LFNG_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/beta-1-3-n-acetylglucosaminyltransferase-lunatic-fringe-lfng/246189>