

Rat Neogenin ELISA Kit | NEO elisa kit

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CATALOG #
AAA246237

REACTIVITY
Rat

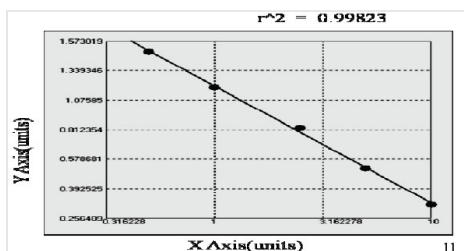
PRODUCT SYNONYMS

Neogenin; Rat Neogenin ELISA Kit; NEO elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Intended Uses	This NEO ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Rat NEO. This ELISA kit for research use only, not for therapeutic applications!
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NEO elisa kit

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	2078518
NCBI GeneID	4756

Molecular Weight	158,827 Da
NCBI Official Full Name	neogenin
NCBI Official Synonym Full Names	neogenin 1
NCBI Official Symbol	NEO1
NCBI Official Synonym Symbols	NGN; IGDCC2; NTN1R2
NCBI Protein Information	neogenin; neogenin homolog 1; immunoglobulin superfamily DCC subclass member 2
UniProt Protein Name	Neogenin
UniProt Gene Name	NEO1
UniProt Synonym Gene Names	IGDCC2; NGN
UniProt Entry Name	NEO1_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.

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Online datasheet: <https://stage.aaabiotech.com/neo-rat-elisa-kits/neogenin/246237>