

Rat Noggin, NOG ELISA Kit | NOG elisa kit

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CATALOG #
AAA43406

REACTIVITY
Rat

PRODUCT SYNONYMS

Noggin; NOG; Rat Noggin; NOG ELISA Kit; NOG elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	232
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 15ng/ml
Sensitivity	0.025ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NOG elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Rat Noggin (also known as NOG) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Rat NOG antibody. NOG present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Rat NOG Antibody is added and binds to NOG in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated NOG antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Rat NOG. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885523
NCBI GeneID	9241
NCBI Accession #	NP_005441.1
NCBI GenBank Nucleotide #	NM_005450.4
UniProt Accession #	Q13253
Molecular Weight	25,774 Da
NCBI Official Full Name	noggin
NCBI Official Synonym Full Names	noggin
NCBI Official Symbol	NOG
NCBI Official Synonym Symbols	SYM1; SYNS1; SYNS1A
NCBI Protein Information	noggin
UniProt Protein Name	Noggin
UniProt Gene Name	NOG

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/rat-elisa-kits/noggin-nog/43406>