

Rat Agrin ELISA Kit | AGRN elisa kit

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CATALOG #
AAA102226

REACTIVITY
Rat

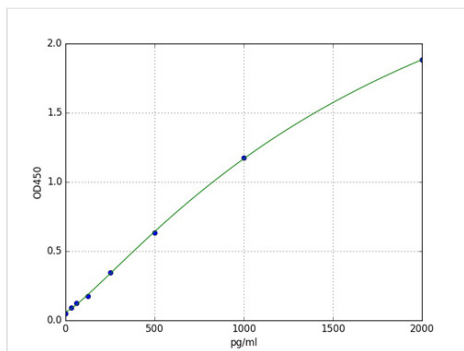
PRODUCT SYNONYMS

Agrin; Rat Agrin ELISA Kit; AGRN/Agrin/agrin proteoglycan; AGRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	1955
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/ml
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

Results of a typical standard run of a Rat AGRN ELISA Kit are shown below. This standard curve was generated at our lab for demonstration purpose only. Each user should obtain their own standard curve as per experiment. (N/A=not applicable)

X	pg/ml	0	31.2	62.5	125	250	500	1000	2000
Y	OD450	0.044	0.156	0.263	0.526	0.834	1.176	1.751	2.408

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGRN elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. anti-Rat AGRN antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Rat AGRN antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the Rat AGRN amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Rat AGRN can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

211121

NCBI GeneID	396538
Molecular Weight	224,132 Da
NCBI Official Full Name	agrin
NCBI Official Synonym Full Names	agrin
NCBI Official Symbol	AGRN
NCBI Official Synonym Symbols	HSPG
NCBI Protein Information	agrin
UniProt Protein Name	Agrin
UniProt Gene Name	AGRN
UniProt Synonym Gene Names	AGRIN; C90; C22
UniProt Entry Name	AGRIN_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://stage.aaabiotech.com/agrn-rat-elisa-kits/agrin/102226>