

Human Agrin (AGRN) ELISA Kit | AGRN elisa kit

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CATALOG #
AAA137875

REACTIVITY
Human

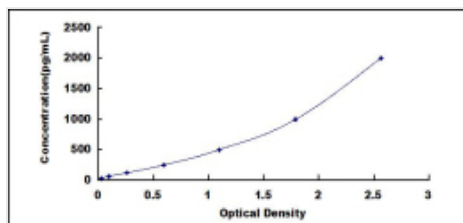
PRODUCT SYNONYMS

Agrin (AGRN); Human Agrin (AGRN) ELISA Kit; Agrin Proteoglycan; AGRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Agrin (AGRN). No significant cross-reactivity or interference between Agrin (AGRN) and analogues was observed.
Sequence Length	2,063
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.112ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Agrin (AGRN) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Agrin (AGRN) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AGRN elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Agrin (AGRN). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Agrin (AGRN). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Agrin (AGRN), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Agrin (AGRN) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for AGRN elisa kit	Neuroscience; Developmental science

NCBI AND UNIPROT INFORMATION

NCBI GI #	2988422
NCBI GeneID	375790
UniProt Accession #	O00468; Q5SVA1; Q5SVA2; Q60FE1; Q7KYS8; Q8N4J5; Q96IC1; Q9BTD4
Molecular Weight	216,733 Da
NCBI Official Full Name	agrin, partial
NCBI Official Synonym Full Names	agrin
NCBI Official Symbol	AGRN
NCBI Official Synonym Symbols	CMS8; CMSPPD
NCBI Protein Information	agrin
UniProt Protein Name	Agrin
UniProt Gene Name	AGRN
UniProt Synonym Gene Names	AGRIN; C90; C22
UniProt Entry Name	AGRIN_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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/agrin-agrn/137875>