

Human Agrin (AGRN) ELISA Kit | AGRN elisa kit

Human Agrin (AGRN) ELISA Kit

CATALOG #
AAA331151

REACTIVITY
Human

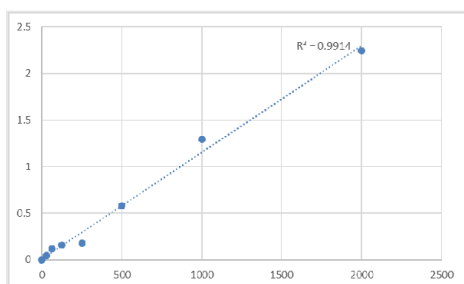
PRODUCT SYNONYMS

Agrin (AGRN); Human Agrin (AGRN) ELISA Kit; AGRN; RP11-54O7.13; FLJ45064; agrin proteoglycan; AGRN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	Human Agrin (AGRN) ELISA Kit has high sensitivity and excellent specificity for detection of Human AGRN. No significant cross-reactivity or interference between Human AGRN and analogues was observed.
Sequence Length	2026
Assay Type	Sandwich ELISA (Quantitative)
Samples	Cell Culture Supernatants, Serum, Plasma, Other Biological Fluids
Detection Method	Colorimetric
Usage Notes	* Do not mix components from different kit lots or use reagents beyond the kit expiration date. * Allow all reagents to warm to room temperature for at least 30 minutes before opening. * Pre-rinse the pipet tip with reagent, use fresh pipet tips for each sample, standard and reagent to avoid contamination. * Unused wells must be kept desiccated at 4 degree C in the sealed bag provided. * Mix Thoroughly is very important for the result. It is recommended using low frequency oscillator or slight hand shaking every 10 minutes. * It is recommended that all samples and standards be assayed in duplicate or triplicate.
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

Fig.1. Human Agrin (AGRN) Standard Curve.

ADDITIONAL INFORMATION

Related Product Information for AGRN elisa kit	Description: This Human Agrin (AGRN) ELISA Kit employs a two-site sandwich ELISA to quantitate AGRN in samples. An antibody specific for AGRN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any AGRN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for AGRN is added to the wells. After washing, Streptavidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of AGRN bound in the initial step. The color development is stopped and the intensity of the color is measured. Background: Agrin is a large proteoglycan whose best characterised role is in the development of the neuromuscular junction during embryogenesis. Agrin is named based on its involvement in the aggregation of acetylcholine receptors during synaptogenesis. This protein has nine domains homologous to protease inhibitors. It may also have functions in other tissues and during other stages of development. It is major proteoglycan component in glomerular basement membrane and may play a role in the renal filtration and cell-matrix interactions. This protein binds to several receptors on the surface of skeletal muscle. The receptor which seems to be required for formation of the neuromuscular junction (NMJ) is called the MuSK receptor (Muscle specific kinase).
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	2988422
NCBI GeneID	375790
UniProt Accession #	O00468
NCBI Official Full Name	agrin, partial
NCBI Official Synonym Full Names	agrin
NCBI Official Symbol	AGRN
NCBI Official Synonym Symbols	CMS8; AGRIN; 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/331151>