

Human Agrin ELISA Kit | Agrin elisa kit

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CATALOG #
AAA16052

REACTIVITY
Human

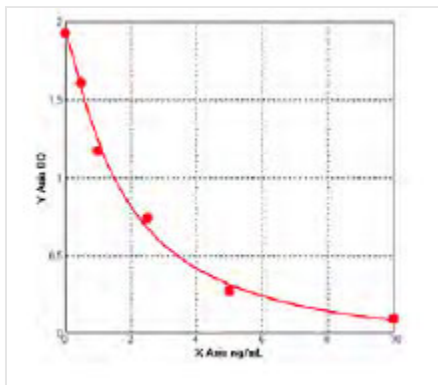
PRODUCT SYNONYMS

Agrin; Human Agrin ELISA Kit; Agrin elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Agrin elisa kit

Intended Uses: This AGR-Ab ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Human AGR-Ab. This ELISA kit for research use only!

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

NCBI AND UNIPROT INFORMATION

NCBI GI #	255738
NCBI GeneID	375790
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	CMSPPD
NCBI Protein Information	agrin; agrin proteoglycan
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.

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Online datasheet: <https://stage.aaabiotech.com/human-elisa-kits/agrin/16052>