

Human Neuromodulin ELISA Kit | GAP43 elisa kit

Human Neuromodulin ELISA Kit

CATALOG #
AAA100088

REACTIVITY
Human

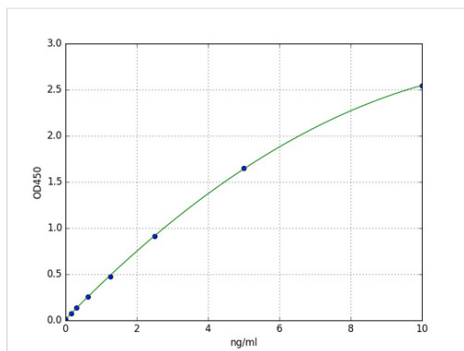
PRODUCT SYNONYMS

Neuromodulin; Human Neuromodulin ELISA Kit; GAP43 (Growth Associated Protein 43)/B-50/Basp2/PP46/Neuromodulin/Axonal membrane protein GAP-43/calmodulin-binding protein P-57/nerve growth-related peptide GAP43/Neural phosphoprotein B-50/neuron growth-associated protein 43/Growth-associated protein 43; GAP43 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	238
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.156-10ng/ml
Sensitivity	0.094ng/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)

Typical Data & Standard Curve

Results of a typical standard run of a Human GAP43 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	ng/ml	0	0.156	0.313	0.625	1.25	2.5	5	10
Y	OD450	0.059	0.145	0.169	0.258	0.468	0.822	1.487	2.133

Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GAP43 elisa kit

Principle of the Assay||This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-Human GAP43 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-Human GAP43 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. HRPStreptavidin 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 Human GAP43 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of Human GAP43 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4503911
NCBI GeneID	2596
NCBI Accession #	NP_002036.1
NCBI GenBank Nucleotide #	NM_002045.3
Molecular Weight	28,766 Da
NCBI Official Full Name	neuromodulin isoform 2
NCBI Official Synonym Full Names	growth associated protein 43
NCBI Official Symbol	GAP43
NCBI Official Synonym Symbols	B-50; PP46
NCBI Protein Information	neuromodulin
UniProt Protein Name	Neuromodulin
UniProt Gene Name	GAP43
UniProt Entry Name	NEUM_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/gap43-human-elisa-kits/neuromodulin/100088>