

Canine Glutamate ELISA Kit | Glu elisa kit

Canine Glutamate (Glu) ELISA Kit

CATALOG #
AAA180674

REACTIVITY
Canine

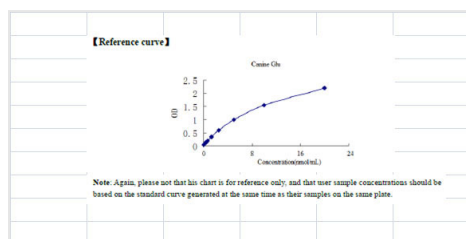
PRODUCT SYNONYMS

Glutamate; Canine Glutamate (Glu) ELISA Kit; Glu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Sequence Length	907
Samples	Canine serum, plasma or cell culture supernatant
Assay Type	Quantitative Sandwich
Detection Range	20 nmol/mL-0.312 nmol/mL
Sensitivity	Up to 0.06 nmol/mL
Intra-assay Precision	<= 8%
Inter-assay Precision	<= 12%
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Glu elisa kit

Principle of the Assay: As mentioned above, this kit utilizes the Double Antibody Sandwich ELISA technique. The pre-coated antibody is an anti-Canine Glu monoclonal antibody, while the detection antibody is a biotinylated polyclonal antibody. Samples and biotinylated antibodies are added into ELISA plate wells and washed out with PBS or TBS after their respective additions to the wells. Then Avidin-peroxidase conjugates are added to the wells in after. TMB substrate is used for coloration after the enzyme conjugate has already been thoroughly washed out of the wells by PBS or TBS. TMB reacts to form a blue product from the peroxidase activity, and finally turns to yellow after addition of the stop solution (Color Reagent C). The color intensity and quantity of target analyte in the sample are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #

[29789269](#)

NCBI GeneID	50592
NCBI Accession #	NP_113796.1
NCBI GenBank Nucleotide #	NM_031608.1
Molecular Weight	101,555 Da
NCBI Official Full Name	glutamate receptor 1
NCBI Official Synonym Full Names	glutamate ionotropic receptor AMPA type subunit 1
NCBI Official Symbol	Gria1
NCBI Official Synonym Symbols	GluA1; gluR-A
NCBI Protein Information	glutamate receptor 1
UniProt Protein Name	Glutamate receptor 1
UniProt Gene Name	Gria1
UniProt Synonym Gene Names	Glur1; GluR-1; GluA1
UniProt Entry Name	GRIA1_RAT

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/glu-canine-elisa-kits/glutamate/180674>