

Human GABA ELISA Kit | GABA elisa kit

GABA ELISA

CATALOG #
AAA72601

REACTIVITY
Human

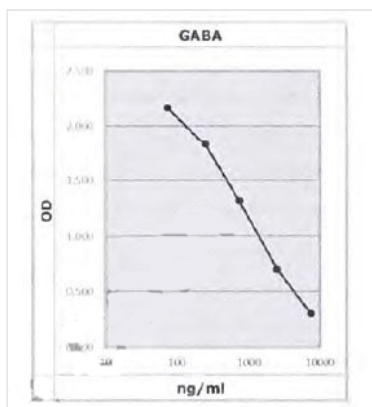
PRODUCT SYNONYMS

GABA; GABA ELISA; GABA elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	118
Assay Type	Quantitative Competitive
Samples	Urine and various biological samples
Preparation and Storage	2 - 8 degree C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GABA elisa kit

Principle of the Assay: After extraction and derivatization Gamma-aminobutyric acid (GABA) is quantitatively determined by ELISA. The competitive ELISA uses the microtiter plate format. The antigen is bound to the solid phase of the microtiter plate. The derivatized analyte concentrations of the standards, controls and samples and the solid phase bound analyte compete for a fixed number of antiserum binding sites. When the system is in equilibrium, free antigen and free antigen-antibody complexes are removed by washing. The antibody bound to the solid phase is detected by an anti-rabbit IgG-peroxidase conjugate using TMB as a substrate. The reaction is monitored at 450 nm. Quantification of unknown samples is achieved by comparing their absorbance with a standard curve prepared with known standards.

Intended Uses: Enzyme Immunoassay for the quantitative determination of Gamma-aminobutyric acid (GABA) in urine and various biological samples.

Product Categories/Family for GABA elisa kit

[Biogenic Amines & Neurology](#); [Research Assays](#); [Assay Categories](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	170592096
NCBI GeneID	6104228
NCBI Accession #	XP_001900805.1
NCBI GenBank Nucleotide #	XM_001900770.1
Molecular Weight	14,182 Da
NCBI Official Full Name	Gaba
NCBI Official Symbol	Bm1_46715
NCBI Protein Information	Gaba
UniProt Protein Name	Protein BM-LGG-1
UniProt Gene Name	Bm-Igg-1
UniProt Entry Name	A8Q926_BRUMA

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://www.aaabiotech.com/human-elisa-kits/gaba/72601>