

Human Glycine receptor subunit alpha-2 ELISA Kit | GLRA2 elisa kit

Human Glycine receptor subunit alpha-2 (GLRA2) ELISA Kit

CATALOG #
AAA55372

REACTIVITY
Human

PRODUCT SYNONYMS

Glycine receptor subunit alpha-2; Human Glycine receptor subunit alpha-2 (GLRA2) ELISA Kit; GLRA2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human GLRA2. No significant cross-reactivity or interference between Human GLRA2 and analogues was observed.
Sequence Length	452
Samples	Serum, plasma, tissue homogenates and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.78 ng/mL - 50 ng/mL
Sensitivity	0.39 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GLRA2 elisa kit

Intended Uses: For the quantitative detection of Human Glycine receptor subunit alpha-2 (GLRA2) concentration in serum, plasma, tissue homogenates and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate GLRA2 in Human serum, plasma, tissue homogenates. An antibody specific for GLRA2 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GLRA2 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GLRA2 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 GLRA2 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	169646723
NCBI GeneID	2742
NCBI Accession #	NP_001112357.1
NCBI GenBank Nucleotide #	NM_001118885.1

UniProt Accession #	P23416; Q53YX7; Q6ICQ0; Q99862; A8K0J6; B2R6I8; B7Z4F5; J3KQ59
Molecular Weight	42,002 Da
NCBI Official Full Name	glycine receptor subunit alpha-2 isoform A
NCBI Official Synonym Full Names	glycine receptor alpha 2
NCBI Official Symbol	GLRA2
NCBI Official Synonym Symbols	GLR
NCBI Protein Information	glycine receptor subunit alpha-2
UniProt Protein Name	Glycine receptor subunit alpha-2
UniProt Gene Name	GLRA2

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/glra2-human-elisa-kits/glycine-receptor-subunit-alpha-2/55372>