

Human Glutamine synthetase (GS) RTU ELISA Kit | GS rtu elisa kit

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CATALOG #
AAA219631

REACTIVITY
Human

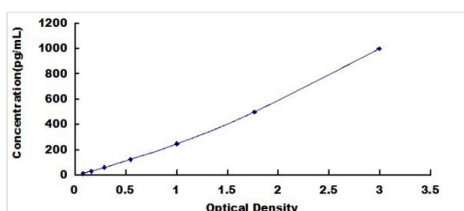
PRODUCT SYNONYMS

Glutamine synthetase (GS); Human Glutamine synthetase (GS) ELISA Kit; GLNS; GLUL; Glutamate-Ammonia Ligase; Glutamate decarboxylase; GS rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	373
Assay Type	Sandwich
Samples	Serum, Plasma, Tissue Homogenates, Cerebrospinal Fluid or Other Biological Fluids.
Detection Range	15.6-1000pg/mL
Sensitivity	5.4pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GS rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GS. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GS. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GS, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of GS in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #

74271837

NCBI GeneID	2752
NCBI Accession #	NP_001028216.1
NCBI GenBank Nucleotide #	NM_001033044.3
UniProt Accession #	P15104; Q499Y9; Q5T9Z1; Q7Z3W4; Q8IZ17
Molecular Weight	42,064 Da
NCBI Official Full Name	glutamine synthetase
NCBI Official Synonym Full Names	glutamate-ammonia ligase
NCBI Official Symbol	GLUL
NCBI Official Synonym Symbols	GS; GLNS; PIG43; PIG59
NCBI Protein Information	glutamine synthetase
UniProt Protein Name	Glutamine synthetase
UniProt Gene Name	GLUL
UniProt Synonym Gene Names	GLNS; GS

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-rtu-elisa-kits/glutamine-synthetase-gs/219631>