

Rat glutamine (Gln) ELISA Kit | gln3 elisa kit

Rat glutamine, Gln ELISA Kit

CATALOG #
AAA180405

REACTIVITY
Rat

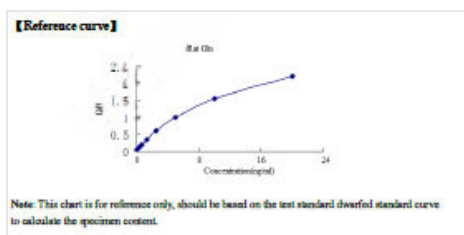
PRODUCT SYNONYMS

glutamine (Gln); Rat glutamine; Gln ELISA Kit; gln3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	No cross-reaction with other factors.
Samples	Serum, plasma or cell culture supernatant and organizations in the natural and recombinant Gln concentration
Assay Type	Sandwich
Detection Range	20 ng/ml-0.312 ng/ml
Sensitivity	0.06 ng/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 gln3 elisa kit

Principle of the Assay: This experiment use double-sandwich elisa technique and the ELISA Kit provided is typical. The pre-coated antibody is Rat Gln monoclonal antibody and the detecting antibody is polyclonal antibody with biotin labeled. Samples and biotin labeling antibody are added into ELISA plate wells and washed out with PBS or TBS. Then Avidin-peroxidase conjugates are added to ELISA wells in order; Use TMB substrate for coloring after reactant thoroughly washed out by PBS or TBS. TMB turns into blue in peroxidase catalytic and finally turns into yellow under the action of acid. The color depth and the testing factors in samples are positively correlated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	162463881
NCBI GeneID	542215
NCBI Accession #	NP_001105297.1

NCBI GenBank Nucleotide #	NM_001111827.1
UniProt Accession #	P38563
Molecular Weight	39,259 Da
NCBI Official Full Name	glutamine synthetase root isozyme 5
NCBI Official Synonym Full Names	glutamine synthetase3
NCBI Official Symbol	gln3
NCBI Official Synonym Symbols	GS1-5
NCBI Protein Information	glutamine synthetase root isozyme 5; Gln-; gln6; GS117; GS1752; CL1911_3; CL1911_3b; CL1911_3_ov; GRMZM2G046601; glutamate--ammonia ligase
UniProt Protein Name	Glutamine synthetase root isozyme 5
UniProt Gene Name	GS1-5
UniProt Entry Name	GLNA5_MAIZE

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/rat-elisa-kits/glutamine-gln/180405>