

Glutamine Synthetase (GS) Assay Kit | GS assay kit

Glutamine Synthetase (GS) Activity Colorimetric Assay Kit

CATALOG #
AAA179689

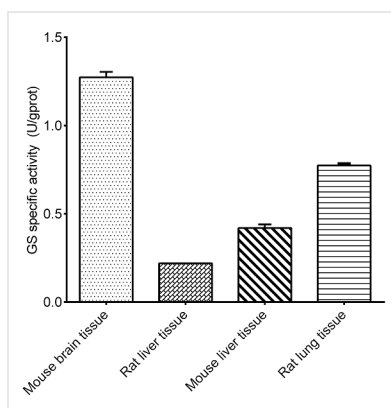
PRODUCT SYNONYMS

Glutamine Synthetase (GS); Glutamine Synthetase (GS) Activity Colorimetric Assay Kit; GS assay kit

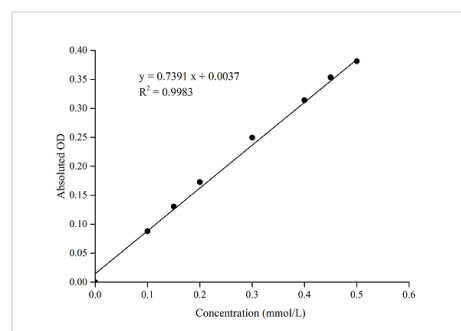
PRODUCT SPECIFICATIONS

Detection Type	Colorimetric
Result Type	Enzyme activity
Samples	Serum, Plasma, Animal tissue
Detection Range	0.25-25U/L
Sensitivity	0.25U/L
Precision	Intra-assay CV: 2.0-4.0 % Inter-assay CV: 5.3-6.8 %
Detection Instrument	Microplate reader
Preparation and Storage	This product can be stored at -20 degree C for 12 months with shading light.

IMAGES



Application Data



Application Data

ADDITIONAL INFORMATION

Related Product Information for GS assay kit

Glutamine synthetase (GS) is one of the central enzymes in nitrogen metabolism. With ATP consumption, GS catalyzes glutamate to produce glutamine. The latter is an amino donor of various nitrogenous substances such as proteins, nucleic acids and various coenzymes. As a conditionally essential amino acid for the human body, the production of glutamine has received extensive attention in recent years. GS catalyzes ammonium ion and glutamic acid to synthesize amide, and produces chromogenic substance under the action of invertase and chromogenic agent. The maximum absorption peak is at 570nm. The activity of GS in samples is calculated by measuring OD value at 570nm and standard curve.

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/assay-kits/glutamine-synthetase-gs/179689>