

Glutamine Assay Kit | Gln assay kit

Glutamine Colorimetric Assay Kit

CATALOG #
AAA178107

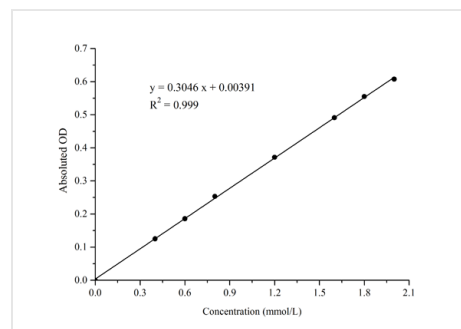
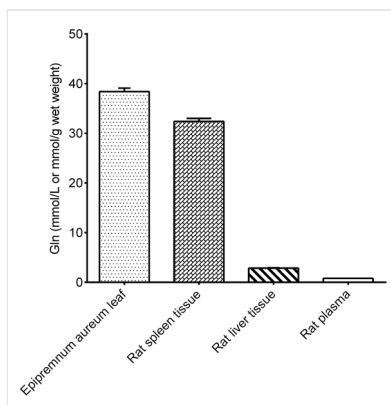
PRODUCT SYNONYMS

Glutamine; Glutamine Colorimetric Assay Kit; Gln assay kit

PRODUCT SPECIFICATIONS

Form/Format	Normal saline (0.9% NaCl)
Samples	Serum (plasma), animal and plant tissue samples
Detection Range	0.036-2.0mmol/L
Sensitivity	0.036mmol/L
Intra-assay Precision	3.2
Inter-assay Precision	4.7
Preparation and Storage	Store at -20 degree C

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for Gln assay kit	Principle of the Assay: Gln is hydrolyzed to produce glutamic acid under the action of glutaminase. Glutamic acid is further catalyzed by glutamic acid dehydrogenase. Meanwhile, NAD ⁺ is reduced to NADH, Which under the action of hydrogen transmitter, transfer electrons to WST-8 to produce the yellow product. The content of Gln can be calculated by measuring the change of absorbance value at 450 nm.
Product Categories/Family for Gln assay kit	Metabolism assay kit; Amino acids and proteins

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.

