

Glutaminase (GLS) Assay Kit | GLS assay kit

Glutaminase (GLS) Activity Assay Kit

CATALOG #
AAA178102

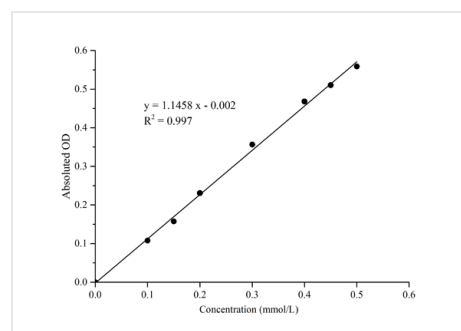
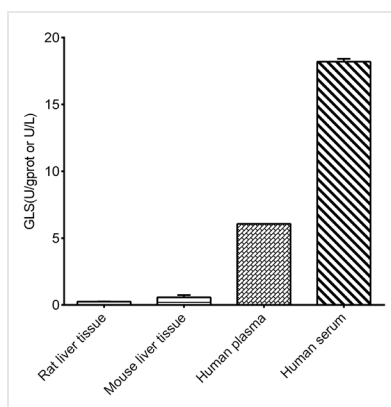
PRODUCT SYNONYMS

Glutaminase (GLS); Glutaminase (GLS) Activity Assay Kit; GLS assay kit

PRODUCT SPECIFICATIONS

Form/Format	PBS (0.01 mol/L, pH 7.4)
Samples	Serum (plasma) animal and plant tissue samples
Detection Range	0.003-18.0U/L
Sensitivity	0.003U/L
Intra-assay Precision	5
Inter-assay Precision	8.3
Preparation and Storage	Store at -20 degree C

IMAGES



Standard Curve (Sample)

Application Data

ADDITIONAL INFORMATION

Related Product Information for GLS assay kit

Principle of the Assay: Glutamine is decomposed to produce glutamic acid under the action of glutaminase. Glutamic acid is further transformed 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 activity of glutaminase can be calculated by measuring the change of absorbance value at 450 nm.

Product Categories/Family for GLS assay kit

Metabolism assay kit; Enzymes; 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.

