

Rat GS ELISA Kit | GS elisa kit

Rat GS (Gelsolin) ELISA Kit

CATALOG #
AAA163652

REACTIVITY
Rat

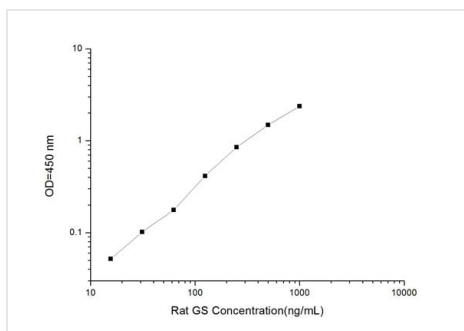
PRODUCT SYNONYMS

GS; Rat GS (Gelsolin) ELISA Kit; GS elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GS. No significant cross-reactivity or interference between Rat GS and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Rat GS and all the analogues, therefore, cross reaction may still exist.
Sequence Length	373
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	15.625-1000ng/mL
Sensitivity	Min: 9.375ng/mL; Max: 1000ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GS elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GS in Rat serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Rat GS. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Rat GS and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Rat GS, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Rat GS. You can calculate the concentration of Rat GS in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	546603
NCBI GeneID	2752
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; cell proliferation-inducing protein 59; glutamate decarboxylase; glutamine synthase; proliferation-inducing protein 43
UniProt Protein Name	Glutamine synthetase
UniProt Gene Name	GLUL
UniProt Synonym Gene Names	GLNS; GS
UniProt Entry Name	GLNA_HUMAN

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/gs/163652>