

Human Gelsolin (GS) CLIA Kit | GS clia kit

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CATALOG #
AAA141122

REACTIVITY
Human

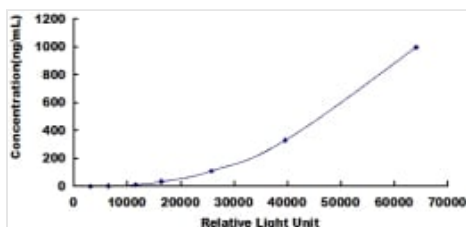
PRODUCT SYNONYMS

Gelsolin (GS); Human Gelsolin (GS) CLIA Kit; GSN; AGEL; ADF; Brevin; Gelsolin Amyloidosis; Finnish Type; Actin-depolymerizing factor; GS clia kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Gelsolin (GS). No significant cross-reactivity or interference between Gelsolin (GS) and analogues was observed.
Sequence Length	780
Assay Type	Double-antibody Sandwich
Samples	Serum, Plasma, Tissue homogenates, Cell lysates, Cell culture supernates and other biological fluids
Detection Range	13.7-10,000pg/mL
Sensitivity	6.1pg/mL
Application	Chemiluminescent immunoassay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Gelsolin (GS) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Gelsolin (GS) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GS clia kit	The microplate provided in this kit has been pre-coated with an antibody specific to Gelsolin (GS). Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody specific to Gelsolin (GS). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Gelsolin (GS) level in the sample or standard.;
Product Categories/Family for GS clia kit	Tumor immunity; Infection immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	51854227
NCBI GeneID	296654
NCBI Accession #	NP_001004080.1
NCBI GenBank Nucleotide #	NM_001004080.1
Molecular Weight	80,929 Da
NCBI Official Full Name	gelsolin
NCBI Official Synonym Full Names	gelsolin
NCBI Official Symbol	Gsn
NCBI Protein Information	gelsolin
UniProt Protein Name	Gelsolin
UniProt Gene Name	Gsn
UniProt Synonym Gene Names	ADF
UniProt Entry Name	GELS_RAT

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/human-clia-kits/gelsolin-gs/141122>