

Human gelsolin (amyloidosis, Finnish type) ELISA Kit | GSN elisa kit

Human Gelsolin ELISA Kit

CATALOG #
AAA15199

REACTIVITY
Human

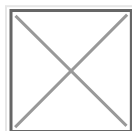
PRODUCT SYNONYMS

gelsolin (amyloidosis; Finnish type); Human Gelsolin ELISA Kit; RP11-477J21.1; DKFZp313L0718; OTTHUMP00000162202; gelsolin; GSN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human gelsolin. No significant cross-reactivity or interference between human gelsolin and analogues was observed.
Sequence Length	782
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	3.12 ng/ml -200 ng/ml.
Sensitivity	The minimum detectable dose of human gelsolin is typically less than 0.78 ng/ml. The sensitivity of this assay, or Lower Limit of Detection (LLD) was defined as the lowest protein concentration that could be differentiated from zero. It was determined the mean O.D value of 20 replicates of the zero standard added by their three standard deviations.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GSN elisa kit

Principle of the assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for gelsolin has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any gelsolin present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for gelsolin is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of gelsolin bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4504165
NCBI GeneID	2934
NCBI Accession #	NP_000168.1
NCBI GenBank Nucleotide #	NM_000177.4
UniProt Accession #	P06396; Q5T0I2; Q8WVVV7; A2A418; A8MUD1; A8MYN7; B7Z373; B7Z5V1; F5H1A8
Molecular Weight	85,698 Da
NCBI Official Full Name	gelsolin isoform a
NCBI Official Synonym Full Names	gelsolin
NCBI Official Symbol	GSN
NCBI Official Synonym Symbols	ADF; AGEL
NCBI Protein Information	gelsolin; brevin; actin-depolymerizing factor
UniProt Protein Name	Gelsolin
UniProt Gene Name	GSN
UniProt Synonym Gene Names	ADF
UniProt Entry Name	GELS_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/gsn-human-elisa-kits/gelsolin-amyloidosis-finnish-type/15199>