

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

Mouse Gelsolin ELISA Kit

CATALOG #
AAA79984

REACTIVITY
Mouse

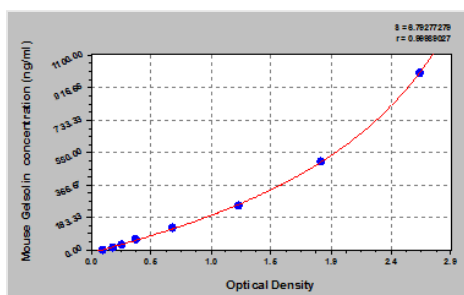
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Mouse GSN. No significant cross-reactivity or interference between Mouse GSN and analogues was observed.
Sequence Length	780
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Assay Type	Sandwich
Detection Range	15.6 ng/ml-1000 ng/ml
Sensitivity	3.9 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Protein Biological Process 1	Biosynthesis/Metabolism
Protein Biological Process 2	Amino-acid biosynthesis and metabolism
Protein Biological Process 3	Cilium biogenesis/degradation
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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	28916693
NCBI GeneID	227753
NCBI Accession #	NP_666232.2
NCBI GenBank Nucleotide #	NM_146120.4
UniProt Accession #	P13020; Q3UPB1; Q8R590
Molecular Weight	85,942 Da
NCBI Official Full Name	gelsolin isoform 1
NCBI Official Synonym Full Names	gelsolin
NCBI Official Symbol	Gsn
NCBI Official Synonym Symbols	ADF
NCBI Protein Information	gelsolin; brevin; actin-depolymerizing factor
UniProt Protein Name	Gelsolin
UniProt Gene Name	Gsn
UniProt Synonym Gene Names	Gsb; ADF
UniProt Entry Name	GELS_MOUSE

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://www.aaabiotech.com/gsn-mouse-elisa-kits/gelsolin-amyloidosis-finnish-type/79984>