

Horse Gelsolin ELISA Kit | GSN elisa kit

Horse Gelsolin (GSN) ELISA Kit

CATALOG #
AAA55705

REACTIVITY
Horse

PRODUCT SYNONYMS

Gelsolin; Horse Gelsolin (GSN) ELISA Kit; GSN elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Horse
Specificity	This assay has high sensitivity and excellent specificity for detection of Horse DCN. No significant cross-reactivity or interference between Horse DCN and analogues was observed.
Sequence Length	780
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL-20 ng/mL
Sensitivity	0.1 ng/mL (mean of 6 independent assays).
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-assay Precision (Precision between assays) Three samples of known concentration were tested in forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for GSN elisa kit

Intended Uses: For the quantitative detection of Horse Decorin (DCN) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate DCN in Horse serum, plasma. An antibody specific for DCN has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any DCN present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for DCN is added to the wells. After washing, Streptavidin 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 DCN bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	126352530
NCBI GeneID	100034186
NCBI Accession #	NP_001075422.1
NCBI GenBank Nucleotide #	NM_001081953.1
UniProt Accession #	Q28372; Q95180

Molecular Weight	80,827 Da
NCBI Official Full Name	gelsolin
NCBI Official Symbol	GSN
NCBI Official Synonym Symbols	ADF
NCBI Protein Information	gelsolin
UniProt Protein Name	Gelsolin
UniProt Gene Name	GSN
UniProt Synonym Gene Names	ADF

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-horse-elisa-kits/gelsolin/55705>