

Canine Gelsolin ELISA Kit | Gel elisa kit

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CATALOG #
AAA245383

REACTIVITY
Canine

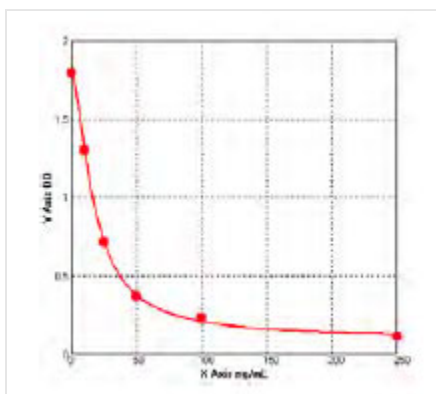
PRODUCT SYNONYMS

Gelsolin; Canine Gelsolin ELISA Kit; Gel elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Samples	Serum, Plasma, Cell Culture Supernatants, Body Fluid And Tissue Homogenate
Assay Type	Quantitative Competitive
Sensitivity	1.0 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Gel elisa kit

Intended Uses: This GSH-Px ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Porcine GSH-Px. This ELISA kit for research use only!

Principle of the Assay: GSH-Px ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GSH-Px antibody and an GSH-Px-HRP conjugate. The assay sample and buffer are incubated together with GSH-Px-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the GSH-Px concentration since GSH-Px from samples and GSH-Px-HRP conjugate compete for the anti-GSH-Px antibody binding site. Since the number of sites is limited, as more sites are occupied by GSH-Px from the sample, fewer sites are left to bind GSH-Px-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GSH-Px concentration in each sample is interpolated from this standard curve.

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; ADF; brevin; actin-depolymerizing factor
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/gel-canine-elisa-kits/gelsolin/245383>