Canine Zinc finger protein GLI1 (GLI1) ELISA Kit | GLI1 elisa kit

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CATALOG #	REACTIVITY
AAA244310	**Canine**

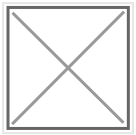
PRODUCT SYNONYMS

Zinc finger protein GLI1 (GLI1); Canine Zinc finger protein GLI1 (GLI1) ELISA Kit; GLI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Canine
Specificity	This assay has high sensitivity and excellent specificity for detection of GLI1. No significant cross-reactivity or interference between GLI1 and analogues was observed. NOTE: Limited by current skills and knowledge, it is impossible for us to complete the cross-reactivity detection between GLI1 and all the analogues, therefore, cross reaction may still exist in some cases.
Samples	Serum, plasma, cell culture supernatants, body fluid and tissue homogenate
Assay Type	Quantitative Competitive
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLI1 elisa kit	Intended Uses: This GLI1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Canine GLI1. This ELISA kit for research use only, not for therapeutic or test applications! Principle of the Assay: GLI1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a polyclonal anti-GLI1 antibody and an GLI1-HRP conjugate. The assay sample and buffer are incubated together with GLI1-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 GLI1 concentration since GLI1 from samples and GLI1-HRP conjugate compete for the anti-GLI1 antibody binding site. Since the number of sites is limited, as more sites are occupied by GLI1 from the sample, fewer sites are left to bind GLI1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The GLI1 concentration in each sample is interpolated from this standard curve.
Product Categories/Family for GLI1 elisa kit	Epigenetics and Nuclear Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	300793761
NCBI GeneID	140589
NCBI Accession #	NP_001178839.1
NCBI GenBank Nucleotide #	NM_001191910.1
NCBI Official Full Name	zinc finger protein GLI1
NCBI Official Synonym Full Names	GLI family zinc finger 1
NCBI Official Symbol	Gli1
NCBI Official Synonym Symbols	Gli
NCBI Protein Information	zinc finger protein GLI1; GLI-Kruppel family member GLI1

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/canine-elisa-kits/zinc-finger-protein-gli1-gli1/244310