

Human GLI Family Zinc Finger Protein 1 (GLI1) ELISA Kit | GLI1 elisa kit

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CATALOG #
AAA65739

REACTIVITY
Human

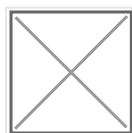
PRODUCT SYNONYMS

GLI Family Zinc Finger Protein 1 (GLI1); Human GLI Family Zinc Finger Protein 1 (GLI1) ELISA Kit; Glioma-Associated Oncogene Family Zinc Finger 1; GLI1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
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.
Sequence Length	978
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level GLI1 were tested 20 times on one plate, respectively. Intra-Assay: CV<10%
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level GLI1 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLI1 elisa kit

Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of GLI1 in human tissue homogenates, cell lysates and other biological fluids.

Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to GLI1. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to GLI1. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain GLI1, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm +/- 10nm. The concentration of GLI1 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	229892345
NCBI GeneID	2735
NCBI Accession #	NP_001153517.1
NCBI GenBank Nucleotide #	NM_001160045.1
UniProt Accession #	P08151; Q8TDN9; D0EUY3; E9PQQ9; F5H6H8
Molecular Weight	104,627 Da
NCBI Official Full Name	zinc finger protein GLI1 isoform 2
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
UniProt Protein Name	Zinc finger protein GLI1
UniProt Gene Name	GLI1
UniProt Synonym Gene Names	GLI

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/human-elisa-kits/gli-family-zinc-finger-protein-1-gli1/65739>