

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

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CATALOG #
AAA187584

REACTIVITY
Mouse

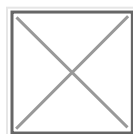
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of GLI Family Zinc Finger Protein 1 (GLI1). No significant cross-reactivity or interference between GLI Family Zinc Finger Protein 1 (GLI1) and analogues was observed.
Sequence Length	978
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.156-10ng/mL
Sensitivity	< 0.057ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level GLI Family Zinc Finger Protein 1 (GLI1) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level GLI Family Zinc Finger Protein 1 (GLI1) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GLI1 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to GLI Family Zinc Finger Protein 1 (GLI1). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to GLI Family Zinc Finger Protein 1 (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 GLI Family Zinc Finger Protein 1 (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 GLI Family Zinc Finger Protein 1 (GLI1) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	15278121
NCBI GeneID	2735
Molecular Weight	104,627 Da
NCBI Official Full Name	GLI family zinc finger 1
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/mouse-elisa-kits/gli-family-zinc-finger-protein-1-gli1/187584>