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

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CATALOG #	REACTIVITY
AAA149178	**Rat**

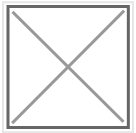
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Rat
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	1106
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates, Cell lysates and other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	0.113ng/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	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	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 microplate provided in this kit has been pre-coated with an antibody specific to GLI1. Standards or samples are then added to the appropriate microplate wells with a biotin-conjugated antibody 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.
Product Categories/Family for GLI1 elisa kit	Tumor immunity

NCBI AND UNIPROT INFORMATION

NCBI GI #	20152843
NCBI GeneID	2735
Molecular Weight	113,676 Da
NCBI Official Full Name	GLI1
NCBI Official Synonym Full Names	GLI family zinc finger 1
NCBI Official Symbol	GLI1
NCBI Official Synonym Symbols	GLI; PAPA8
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/rat-elisa-kits/gli-family-zinc-finger-protein-1-gli1/149178