

Rat guanylate cyclase activator 2B (uroguanylin) ELISA Kit | GUCA2B elisa kit

Rat guanylate cyclase activator 2B (uroguanylin) , GUCA2B ELISA Kit

CATALOG #
AAA112306

REACTIVITY
Rat

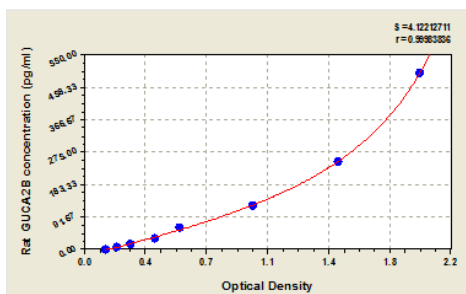
PRODUCT SYNONYMS

guanylate cyclase activator 2B (uroguanylin); Rat guanylate cyclase activator 2B (uroguanylin); GUCA2B ELISA Kit; Rat guanylate cyclase activator 2B (uroguanylin) (GUCA2B) ELISA kit; GCAP-II; UGN; guanylate cyclase activator 2B; uroguanylin; GUCA2B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of Rat GUCA2B. No significant cross-reactivity or interference between Rat GUCA2B and analogues was observed.
Sequence Length	106
Samples	Serum, plasma, cell culture supernates and tissue homogenates
Assay Type	Sandwich
Detection Range	7.8 pg/ml-500 pg/ml
Sensitivity	1.95 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV% is less than 8% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV% is less than 10% Three samples of known concentration were tested in twenty assays to assess.
Detection Wavelength	450 nm
Sample Volume	50-100ul
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for GUCA2B elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for GUCA2B has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any GUCA2B present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for GUCA2B is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of GUCA2B bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	11596861
NCBI GeneID	64055
NCBI Accession #	NP_071620.1
NCBI GenBank Nucleotide #	NM_022284.2
UniProt Accession #	P70668
Molecular Weight	11,573 Da
NCBI Official Full Name	guanylate cyclase activator 2B
NCBI Official Synonym Full Names	guanylate cyclase activator 2B
NCBI Official Symbol	Guca2b
NCBI Protein Information	guanylate cyclase activator 2B; uroguanylin; guanylate cyclase activator 2b (retina)
UniProt Protein Name	Guanylate cyclase activator 2B
UniProt Gene Name	Guca2b
UniProt Synonym Gene Names	UGN
UniProt Entry Name	GUC2B_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/guca2b-rat-elisa-kits/guanylate-cyclase-activator-2b-uroguanylin/112306>