

Human GAB1 (GRB2-associated-binding protein 1) ELISA Kit | GAB1 elisa kit

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CATALOG #
AAA250328

REACTIVITY
Human

PRODUCT SYNONYMS

GAB1 (GRB2-associated-binding protein 1); Human GAB1 (GRB2-associated-binding protein 1) ELISA Kit; GRB2-associated-binding protein 1; GRB2-associated binder 1; Growth factor receptor bound protein 2-associated protein 1; GAB1; GAB1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of GAB1. No significant cross -reactivity or interference between GAB1 and analogues was observed.
Assay Type	Sandwich
Samples	Serum, plasma, tissue homogenates and other biological fluids
Detection Range	15.6-1000pg/ml
Sensitivity	9.375pg/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

ADDITIONAL INFORMATION

Related Product Information for GAB1 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96- well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP -Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	46370073
NCBI GeneID	2549
NCBI Accession #	NP_002030.2
NCBI GenBank Nucleotide #	NM_002039.3
UniProt Accession #	Q13480 ; Q4W5G2 ; Q6P1W2 ; A8K152
Molecular Weight	76,616 Da
NCBI Official Full Name	GRB2-associated-binding protein 1 isoform b

NCBI Official Synonym Full Names	GRB2-associated binding protein 1
NCBI Official Symbol	GAB1
NCBI Protein Information	GRB2-associated-binding protein 1; GRB2-associated binder 1; growth factor receptor bound protein 2-associated protein 1
UniProt Protein Name	GRB2-associated-binding protein 1
UniProt Gene Name	GAB1
UniProt Entry Name	GAB1_HUMAN

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://www.aaabiotech.com/human-elisa-kits/gab1-grb2-associated-binding-protein-1/250328>