

Growth Factor Receptor Bound Protein 7 (Grb7) CLIA Kit | Grb7 clia kit

CLIA Kit for Growth Factor Receptor Bound Protein 7 (Grb7)

CATALOG #
AAA130346

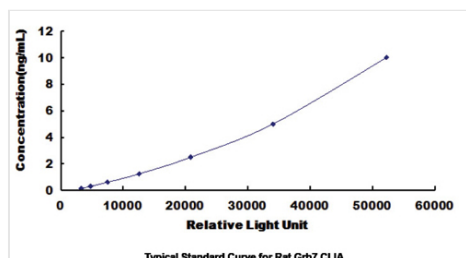
PRODUCT SYNONYMS

Growth Factor Receptor Bound Protein 7 (Grb7); CLIA Kit for Growth Factor Receptor Bound Protein 7 (Grb7); Grb7 clia kit

PRODUCT SPECIFICATIONS

Specificity	This assay has high sensitivity and excellent specificity for detection of Growth Factor Receptor Bound Protein 7 (Grb7) No significant cross-reactivity or interference between Growth Factor Receptor Bound Protein 7 (Grb7) and analogues was observed.
Sequence Length	532
Assay Type	Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.014-10ng/mL The standard curve concentrations used for the ELISA's were 10ng/mL, 3.33ng/mL, 1.11ng/mL, 0.37ng/mL, 0.123ng/mL, 0.041ng/mL, 0.014ng/mL
Sensitivity	The minimum detectable dose of this kit is typically less than 0.069ng/mL
Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level Growth Factor Receptor Bound Protein 7 (Grb7) were tested 20 times on one plate, respectively. Inter-assay Precision (Precision between assays): 3 samples with low, middle and high level Growth Factor Receptor Bound Protein 7 (Grb7) were tested on 3 different plates, 8 replicates in each plate. $CV(\%) = SD/mean \times 100$ Intra-Assay: $CV < 10\%$ Inter-Assay: $CV < 12\%$
Organism Species	Rattus norvegicus (Rat)
Assay Length	4.5 hours
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 Grb7 clia kit	The microtiter plate provided in this kit has been pre-coated with an antigen. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated secondary antibody. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. Then the mixture of substrate A and B is added to generate glow light emission kinetics. Upon plate development, the intensity of the emitted light is proportional to the Growth Factor Receptor Bound Protein 7 (Grb7) level in the sample or standard.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	16306816
NCBI GeneID	2886
UniProt Accession #	Q14451; Q53YD3; Q92568; Q96DF9; Q9Y220; B2RAV1; B3KNL0; B3KWP9; B7WP75; J3KQM4
Molecular Weight	59,681 Da
NCBI Official Full Name	Growth factor receptor-bound protein 7
NCBI Official Synonym Full Names	growth factor receptor-bound protein 7
NCBI Official Symbol	GRB7
NCBI Protein Information	growth factor receptor-bound protein 7; B47; GRB7 adapter protein; epidermal growth factor receptor GRB-7
UniProt Protein Name	Growth factor receptor-bound protein 7
UniProt Gene Name	GRB7
UniProt Entry Name	GRB7_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.

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Online datasheet: <https://www.aaabiotech.com/clia-kits/growth-factor-receptor-bound-protein-7-grb7/130346>