

Human Response Gene To Complement 32 (RGC32) ELISA Kit | RGC32 elisa kit

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CATALOG #
AAA187868

REACTIVITY
Human

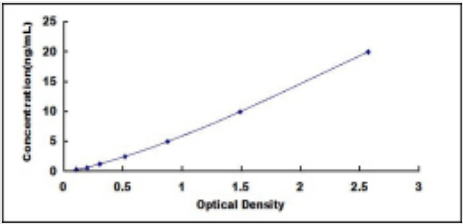
PRODUCT SYNONYMS

Response Gene To Complement 32 (RGC32); Human Response Gene To Complement 32 (RGC32) ELISA Kit; RGCC; C13orf15; Regulator of cell cycle RGCC; RGC32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Response Gene To Complement 32 (RGC32). No significant cross-reactivity or interference between Response Gene To Complement 32 (RGC32) and analogues was observed.
Sequence Length	117
Assay Type	Double-antibody Sandwich
Samples	Tissue Homogenates, Cell Lysates and Other Biological Fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.128ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Response Gene To Complement 32 (RGC32) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Response Gene To Complement 32 (RGC32) 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 RGC32 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 Response Gene To Complement 32 (RGC32). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Response Gene To Complement 32 (RGC32). 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 Response Gene To Complement 32 (RGC32), 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 Response Gene To Complement 32 (RGC32) 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 #	119629069
NCBI GeneID	28984
UniProt Accession #	Q9H4X1; Q6NZ48; Q9UL69
Molecular Weight	12,924 Da
NCBI Official Full Name	response gene to complement 32, isoform CRA_b
NCBI Official Synonym Full Names	regulator of cell cycle
NCBI Official Symbol	RGCC
NCBI Official Synonym Symbols	RGC32; RGC-32; C13orf15; bA157L14.2
NCBI Protein Information	regulator of cell cycle RGCC
UniProt Protein Name	Regulator of cell cycle RGCC
UniProt Gene Name	RGCC
UniProt Synonym Gene Names	C13orf15; RGC32; RGC-32

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/human-elisa-kits/response-gene-to-complement-32-rgc32/187868>