

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

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CATALOG #
AAA65388

REACTIVITY
Human

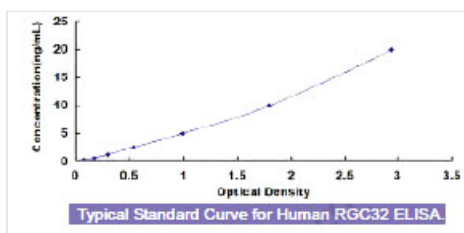
PRODUCT SYNONYMS

Response Gene To Complement 32 (RGC32); Human Response Gene To Complement 32 (RGC32) ELISA Kit; Loricrin; LRN; RGC32 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RGC32. No significant cross-reactivity or interference between RGC32 and analogues was observed.
Sequence Length	137
Samples	Tissue homogenates, cell lysates and other biological fluids.
Assay Type	Sandwich
Detection Range	0.312-20ng/mL
Sensitivity	0.124ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level RGC32 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 RGC32 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	For unopened kit, all reagents should be kept according to the labels on vials. The TMB Substrate, Wash Buffer, Stop Solution should be stored at 4 degree C. All others should be stored at -20 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RGC32 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of RGC32 in human tissue homogenates, cell lysates and other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to RGC32. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to 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 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 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 #	132626811
NCBI GeneID	28984
NCBI Accession #	NP_054778.2
NCBI GenBank Nucleotide #	NM_014059.2
UniProt Accession #	Q9H4X1; Q6NZ48; Q9UL69
Molecular Weight	12,924 Da
NCBI Official Full Name	regulator of cell cycle RGCC
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-rgc32/65388>