

Human RACK1 (Receptor of activated protein C kinase 1) ELISA Kit | RACK1 elisa kit

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CATALOG #
AAA249589

REACTIVITY
Human

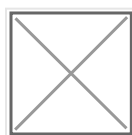
PRODUCT SYNONYMS

RACK1 (Receptor of activated protein C kinase 1); Human RACK1 (Receptor of activated protein C kinase 1) ELISA Kit; Receptor of activated protein C kinase 1; Cell proliferation-inducing gene 21 protein; Guanine nucleotide-binding protein subunit beta-2-like 1; Guanine nucleotide-binding protein subunit beta-like protein 12.3; Human lung cancer oncogene 7 protein; HLC-7; Receptor for activated C kinase; Small ribosomal subunit protein RACK1; N-terminally processed; RACK1; GNB2L1; HLC7; PIG21; RACK1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of RACK1. No significant cross-reactivity or interference between RACK1 and analogues was observed.
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	31.25-2000pg/ml
Sensitivity	18.75pg/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

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for RACK1 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.

NCBI AND UNIPROT INFORMATION

NCBI GI #

5174447

NCBI GeneID	10399
NCBI Accession #	NP_006089.1
NCBI GenBank Nucleotide #	NM_006098.4
UniProt Accession #	P63244; P25388; P99049; Q53HU2; Q5J8M6; Q5VLR4; Q6FH47; B3KTJ0; D3DWS0
Molecular Weight	317
NCBI Official Full Name	guanine nucleotide-binding protein subunit beta-2-like 1
NCBI Official Synonym Full Names	guanine nucleotide binding protein (G protein), beta polypeptide 2-like 1
NCBI Official Symbol	GNB2L1
NCBI Official Synonym Symbols	H12.3; HLC-7; PIG21; RACK1; Gnb2-rs1
NCBI Protein Information	guanine nucleotide-binding protein subunit beta-2-like 1; lung cancer oncogene 7; proliferation-inducing gene 21; receptor for activated C kinase 1; human lung cancer oncogene 7 protein; receptor of activated protein kinase C 1; cell proliferation-inducin
UniProt Protein Name	Guanine nucleotide-binding protein subunit beta-2-like 1
UniProt Gene Name	GNB2L1
UniProt Synonym Gene Names	HLC-7; RACK1
UniProt Entry Name	GBLP_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://stage.aaabiotech.com/human-elisa-kits/rack1-receptor-of-activated-protein-c-kinase-1/249589>