

Human Rho Guanine Nucleotide Exchange Factor 7 (ARHGEF7) RTU ELISA Kit | ARHGEF7 rtu elisa kit

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CATALOG #
AAA219335

REACTIVITY
Human

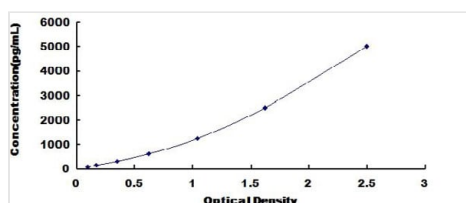
PRODUCT SYNONYMS

Rho Guanine Nucleotide Exchange Factor 7 (ARHGEF7); Human Rho Guanine Nucleotide Exchange Factor 7 (ARHGEF7) ELISA Kit; PAK3; BETA-PIX; COOL1; P50; P50BP; P85; P85SPR; PIXB; SH3 Domain-Containing Proline-Rich Protein; PAK-Interacting Exchange Factor Beta; ARHGEF7 rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	803
Assay Type	Sandwich
Samples	Tissue Homogenates or Other Biological Fluids.
Detection Range	78.1-5000pg/mL
Sensitivity	29.4pg/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ARHGEF7 rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ARHGEF7. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ARHGEF7. 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 ARHGEF7, 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 $\pm$ 10nm. The concentration of ARHGEF7 in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	166064034
NCBI GeneID	8874
NCBI Accession #	NP_001106983.1
NCBI GenBank Nucleotide #	NM_001113511.2
UniProt Accession #	Q14155; Q3LIA4; Q5W9H0; Q6P9G3; Q6PII2; Q86W63; Q8N3M1; B1ALK6; B1ALK8
Molecular Weight	70,450 Da
NCBI Official Full Name	rho guanine nucleotide exchange factor 7 isoform c
NCBI Official Synonym Full Names	Rho guanine nucleotide exchange factor 7
NCBI Official Symbol	ARHGEF7
NCBI Official Synonym Symbols	P50; P85; PAK3; PIXB; COOL1; P50BP; COOL-1; P85SPR; BETA-PIX; P85COOL1; Nbla10314
NCBI Protein Information	rho guanine nucleotide exchange factor 7
UniProt Protein Name	Rho guanine nucleotide exchange factor 7
UniProt Gene Name	ARHGEF7
UniProt Synonym Gene Names	COOL1; KIAA0142; P85SPR; PAK3BP; PIXB

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-rtu-elisa-kits/rho-guanine-nucleotide-exchange-factor-7-arhgef7/219335>