

Human RAC-alpha serine/threonine-protein kinase (AKT1) ELISA Kit | AKT1 elisa kit

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CATALOG #
AAA44053

REACTIVITY
Human

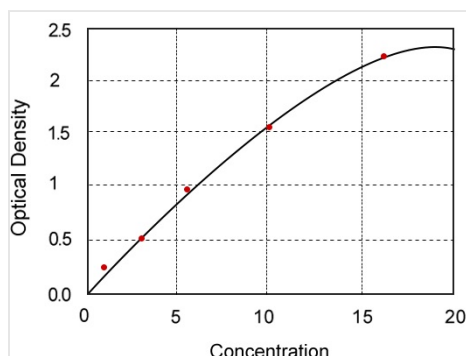
PRODUCT SYNONYMS

RAC-alpha serine/threonine-protein kinase (AKT1); Human RAC-alpha serine/threonine-protein kinase (AKT1) ELISA Kit; AKT1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	480
Samples	Serum, plasma, cell culture supernates, cell lysates, tissue homogenates
Assay Type	Quantitative Sandwich
Detection Range	0.05ng/ml - 20ng/ml
Sensitivity	0.024ng/ml
Intra-Assay	CV<8%
Inter-Assay	CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for AKT1 elisa kit

Intended Uses: This sandwich kit is for the accurate quantitative detection of Human RAC-alpha Serine, Threonine-protein Kinase (also known as AKT1) in serum, plasma, cell culture supernates, cell lysates, tissue homogenates.

Principles of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human AKT1 antibody. AKT1 present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human AKT1 Antibody is added and binds to AKT1 in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated AKT1 antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human AKT1. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm.

NCBI AND UNIPROT INFORMATION

NCBI GI #	62241015
NCBI GeneID	207
NCBI Accession #	NP_001014432.1
NCBI GenBank Nucleotide #	NM_001014432.1
UniProt Accession #	P31749; Q9BWB6; B2RAM5; B7Z5R1
Molecular Weight	48,347 Da
NCBI Official Full Name	RAC-alpha serine/threonine-protein kinase
NCBI Official Synonym Full Names	AKT serine/threonine kinase 1
NCBI Official Symbol	AKT1
NCBI Official Synonym Symbols	AKT; PKB; RAC; CWS6; PRKBA; PKB-ALPHA; RAC-ALPHA
NCBI Protein Information	RAC-alpha serine/threonine-protein kinase
UniProt Protein Name	RAC-alpha serine/threonine-protein kinase
UniProt Gene Name	AKT1
UniProt Synonym Gene Names	PKB; RAC; PKB; PKB alpha

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/rac-alpha-serine-threonine-protein-kinase-akt1/44053>