

Human Protein Phosphatase 2A Activator, Regulatory Subunit 4 (PPP2R4) ELISA Kit | PPP2R4 elisa kit

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CATALOG #

AAA68656

REACTIVITY

Human

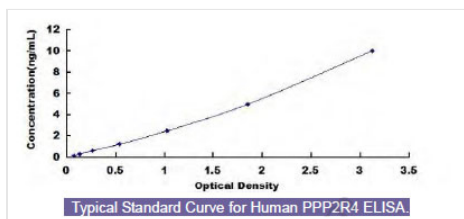
PRODUCT SYNONYMS

Protein Phosphatase 2A Activator; Regulatory Subunit 4 (PPP2R4); Human Protein Phosphatase 2A Activator; Regulatory Subunit 4 (PPP2R4) ELISA Kit; PP2A; PR53; PTPA; Phosphotyrosyl Phosphatase Activator; PP2A Phosphatase Activator; subunit B'; PR53 isoform; Serine/threonine-protein phosphatase 2A activator; PPP2R4 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of PPP2R4. No significant cross-reactivity or interference between PPP2R4 and analogues was observed.
Sequence Length	288
Samples	Tissue homogenates or other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	<0.070ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level PPP2R4 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 PPP2R4 were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PPP2R4 elisa kit	Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of PPP2R4 in human tissue homogenates or other biological fluids. Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to PPP2R4. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to PPP2R4. 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 PPP2R4, 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 PPP2R4 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 #	301129290
NCBI GeneID	5524
NCBI Accession #	NP_001180326.1
NCBI GenBank Nucleotide #	NM_001193397.1
UniProt Accession #	Q15257; Q15258; Q53GZ3; Q5TZQ2; Q9BUK1; Q9NNZ7; Q9NNZ8; Q9NNZ9; A2A347; A9IZU4; B4DXM4
Molecular Weight	31,859 Da
NCBI Official Full Name	serine/threonine-protein phosphatase 2A activator isoform e
NCBI Official Synonym Full Names	protein phosphatase 2 phosphatase activator
NCBI Official Symbol	PTPA
NCBI Official Synonym Symbols	PP2A; PR53; PPP2R4
NCBI Protein Information	serine/threonine-protein phosphatase 2A activator
UniProt Protein Name	Serine/threonine-protein phosphatase 2A activator
UniProt Gene Name	PTPA
UniProt Synonym Gene Names	PTPA

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/protein-phosphatase-2a-activator-regulatory-subunit-4-ppp2r4/68656>