

Rat FK506 Binding Protein 12 Rapamycin Associated Protein (FRAP) ELISA Kit | Acpp elisa kit

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CATALOG # AAA219809	REACTIVITY Rat
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PRODUCT SYNONYMS

FK506 Binding Protein 12 Rapamycin Associated Protein (FRAP); Rat FK506 Binding Protein 12 Rapamycin Associated Protein (FRAP) ELISA Kit; FRAP1; MTOR; FRAP2; RAFT1; RAPT1; Mammalian Target Of Rapamycin; FKBP12-Rapamycin Complex-Associated Protein 1; Rapamycin and FKBP12 target 1; Acpp elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Specificity	This assay has high sensitivity and excellent specificity for detection of FRAP. No significant cross-reactivity or interference between FRAP and analogues was observed.
Assay Type	Quantitative Sandwich
Samples	Rat tissue homogenates, cell lysates or other biological fluids
Detection Range	0.312-20ng/mL
Sensitivity	< 0.122ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, middle and high level FRAP 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 FRAP were tested on 3 different plates, 8 replicates in each plate. CV(%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Shelf Life: 12 months

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acpp elisa kit	Principle of the Assay: The microtiter plate provided in this kit has been pre-coated with an antibody specific to FRAP. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to FRAP. 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 FRAP, 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 FRAP in the samples is then determined by comparing the O.D. of the samples to the standard curve. Intended Uses: The kit is a sandwich enzyme immunoassay for the in vitro quantitative measurement of FRAP in rat tissue homogenates, cell lysates or other biological fluids.
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Product Categories/Family for Acpp elisa kit	Traditional ELISA Kit
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NCBI AND UNIPROT INFORMATION

NCBI GI #	201025407
NCBI GeneID	56780
NCBI Accession #	NP_001128373.1
NCBI GenBank Nucleotide #	NM_001134901.1
UniProt Accession #	P20646; A6XJQ5
Molecular Weight	48,053 Da
NCBI Official Full Name	prostatic acid phosphatase long isoform
NCBI Official Synonym Full Names	acid phosphatase, prostate
NCBI Official Symbol	Acpp
NCBI Official Synonym Symbols	pap; FRAP; Ppal; 5'-NT; Acpp11; RNACPP11
NCBI Protein Information	prostatic acid phosphatase
UniProt Protein Name	Prostatic acid phosphatase
UniProt Gene Name	Acpp
UniProt Synonym Gene Names	5'-NT; FRAP; TMPase
UniProt Entry Name	PPAP_RAT

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/rat-elisa-kits/fk506-binding-protein-12-rapamycin-associated-protein-frap/219809>