

Rat Acid Phosphatase 3 ELISA Kit | ACP3 elisa kit

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CATALOG #
AAA84144

REACTIVITY
Rat

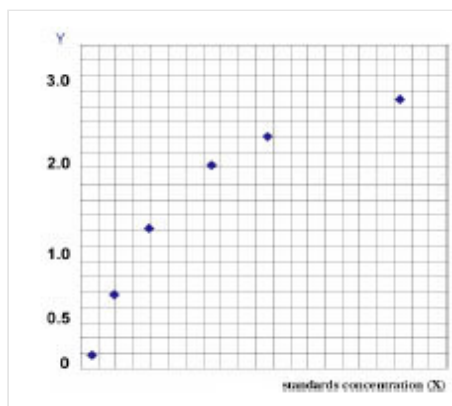
PRODUCT SYNONYMS

Acid Phosphatase 3; Rat Acid Phosphatase 3 ELISA Kit; ACP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Sandwich
Detection Range	1-25 ng/mL
Sensitivity	0.1 ng/mL
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP3 elisa kit	Intended Uses: This ACP3 ELISA kit is intended Laboratory for research use only.The Stop Solution changes the color from blue to yellow and the intensity of the color is measured at 450 nm using a spectrophotometer. In order to measure the concentration of ACP3 in the sample, this ACP3 ELISA Kit includes a set of calibration standards. The calibration standards are assayed at the same time as the samples and allow the operator to produce a standard curve of Optical Density versus ACP3 concentration. The concentration of ACP3 in the samples is then determined by comparing the O.D. of the samples to the standard curve. Principle of the Assay: This ACP3 enzyme linked immunosorbent assay applies a technique called a quantitative sandwich immunoassay. The microtiter plate provided in this kit has been pre-coated with a monoclonal antibody specific for ACP3. Standards or samples are then added to the microtiter plate wells and ACP3 if present, will bind to the antibody pre-coated wells. In order to quantitatively determine the amount of ACP3 present in the sample, a standardized preparation of horseradish peroxidase (HRP)-conjugated polyclonal antibody, specific for ACP3 are added to each well to "sandwich" the ACP3 immobilized on the plate. The microtiter plate undergoes incubation, and then the wells are thoroughly washed to remove all unbound components. Next, A and B substrate solution is added to each well. The enzyme (HRP) and substrate are allowed to react over a short incubation period.Only those wells that contain ACP3 and enzyme-conjugated antibody will exhibit a change in colour. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the colour change is measured spectrophotometrically at a wavelength of 450 nm.
Product Categories/Family for ACP3 elisa kit	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	79319953
NCBI GeneID	841905
NCBI Accession #	NP_001031191.1
NCBI GenBank Nucleotide #	NM_001036114.1
Molecular Weight	14,650 Da
NCBI Official Full Name	acyl carrier protein 3
NCBI Official Symbol	ACP3
NCBI Official Synonym Symbols	acyl carrier protein 3; T22H22.7; T22H22_7
NCBI Protein Information	acyl carrier protein 3
UniProt Protein Name	Acyl carrier protein 3, chloroplastic
UniProt Gene Name	ACP3
UniProt Synonym Gene Names	A2; ACL1.3; At1g54630; T22H22.7; ACP-3
UniProt Entry Name	ACP3_ARATH

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.