Mouse ACP5 (Acid Phosphatase 5, Tartrate Resistant) ELISA Kit | ACP5 elisa kit

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CATALOG #	REACTIVITY
AAA278117	**Mouse**

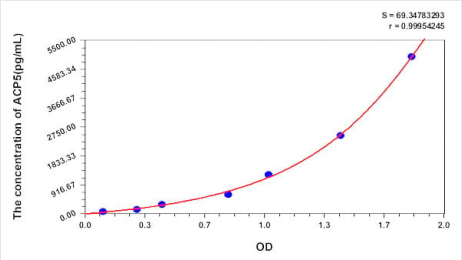
PRODUCT SYNONYMS

ACP5 (Acid Phosphatase 5; Tartrate Resistant); Mouse ACP5 (Acid Phosphatase 5; Tartrate Resistant) ELISA Kit; TRAP; TrATPase; Tartrate Resistant Acid Phosphatase; Type 5 acid phosphatase; TRACP 5; tartrate-resistant acid phosphatase 5b; ACP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Assay Type	Sandwich
Samples	serum, plasma, tissue homogenates and other biological fluids
Detection Range	0.79-50ng/mL
Sensitivity	0.21ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP5 elisa kit	Test Principle: The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Mouse ACP5. Standards or samples are added to the appropriate microtiter plate wells then with a biotin-conjugated antibody specific to Mouse ACP5. 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 Mouse ACP5, 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 Mouse ACP5 in the samples is then determined by comparing the OD of the samples to the standard curve.
Product Categories/Family for ACP5 elisa kit	Enzyme & Kinase; Metabolic pathway; Hepatology

NCBI AND UNIPROT INFORMATION

NCBI GI #	156151433
NCBI GeneID	11433

NCBI Accession #	NP_001095874.1
NCBI GenBank Nucleotide #	NM_001102404.1
UniProt Accession #	Q05117
Molecular Weight	36,807 Da
NCBI Official Full Name	tartrate-resistant acid phosphatase type 5
NCBI Official Synonym Full Names	acid phosphatase 5, tartrate resistant
NCBI Official Symbol	Acp5
NCBI Official Synonym Symbols	TRAP; TRACP
NCBI Protein Information	tartrate-resistant acid phosphatase type 5
UniProt Protein Name	Tartrate-resistant acid phosphatase type 5
UniProt Gene Name	**Acp5**
UniProt Synonym Gene Names	T5ap; Trap; TR-AP; TrATPase
UniProt Entry Name	PPA5_MOUSE

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://www.aaabiotech.com/mouse-elisa-kits/acp5-acid-phosphatase-5-tartrate-resistant/278117