

Mouse Tartrate-resistant acid phosphatase type 5 ELISA Kit | Acp5 elisa kit

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CATALOG #
AAA99847

REACTIVITY
Mouse

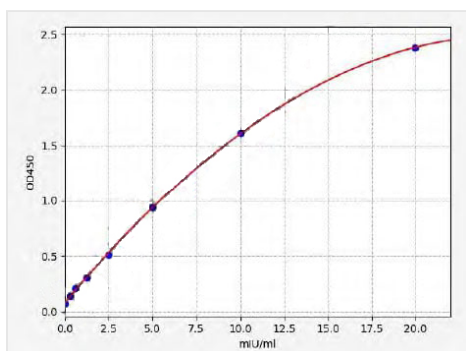
PRODUCT SYNONYMS

Tartrate-resistant acid phosphatase type 5; Mouse Tartrate-resistant acid phosphatase type 5 ELISA Kit; Acp5/T5ap/Trap/Tartrate-resistant acid phosphatase type 5/TR-AP/Tartrate-resistant acid ATPase/TrATPase/Type 5 acid phosphatase; Acp5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of Acp5. No significant cross-reactivity or interference between Acp5 and analogues was observed.
Sequence Length	325
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	0.313-20mIU/ml
Sensitivity	0.188mIU/ml
Intra-assay Precision	CV<8%
Inter-assay Precision	CV<10%
Preparation and Storage	Store entire kit at 2-8C for short-term. For longer-term, please store the microplate & standard at -20C, while the remaining reagents can be stored at 2-8C

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for Acp5 elisa kit	Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Capture antibody was pre-coated onto 96-well plates. And the biotin conjugated antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and washed with wash buffer. HRP-Streptavidin was added and unbound conjugates were washed away with wash buffer. TMB substrates were used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the target amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of target can be calculated.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	161377455
NCBI GeneID	54
NCBI Accession #	NP_001104506.1
NCBI GenBank Nucleotide #	NM_001111036.1
Molecular Weight	36,599 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	HPAP; TRAP; SPENCDI
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	TR-AP; TrATPase
UniProt Entry Name	PPA5_HUMAN

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.