

Rat ACP2 (Lysosomal acid phosphatase) ELISA Kit | ACP2 elisa kit

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CATALOG #
AAA248331

REACTIVITY
Rat

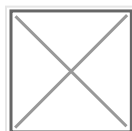
PRODUCT SYNONYMS

ACP2 (Lysosomal acid phosphatase); Rat ACP2 (Lysosomal acid phosphatase) ELISA Kit; ACP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Rat
Sequence Length	423
Assay Type	Sandwich ELISA, Double Antibody
Samples	Serum, Plasma, Cell Culture Supernatant, cell or tissue lysate, Other liquid samples
Detection Range	15.625-1000pg/ml
Sensitivity	9.375pg/ml
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 ACP2 elisa kit

Principle of the Assay: This kit was based on sandwich enzyme-linked immune-sorbent assay technology. Anti-ACP2 antibody was pre-coated onto 96-well plates. And the biotin conjugated anti-ACP2 antibody was used as detection antibodies. The standards, test samples and biotin conjugated detection antibody were added to the wells subsequently, and wash 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 ACP2 amount of sample captured in plate. Read the O.D. absorbance at 450nm in a microplate reader, and then the concentration of ACP2 can be calculated.

NCBI AND UNIPROT INFORMATION

NCBI GI #	130729
NCBI GeneID	24162
UniProt Accession #	P20611
Molecular Weight	48,320 Da
NCBI Official Full Name	Lysosomal acid phosphatase

NCBI Official Synonym Full Names	acid phosphatase 2, lysosomal
NCBI Official Symbol	Acp2
NCBI Official Synonym Symbols	LAP
NCBI Protein Information	lysosomal acid phosphatase
UniProt Protein Name	Lysosomal acid phosphatase
UniProt Gene Name	Acp2
UniProt Synonym Gene Names	LAP

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/acp2-lysosomal-acid-phosphatase/248331>