

Human ACP5 ELISA Kit | ACP5 elisa kit

Human ACP5 (Tartrate Resistant Acid Phosphatase 5) ELISA Kit

CATALOG #
AAA164123

REACTIVITY
Human

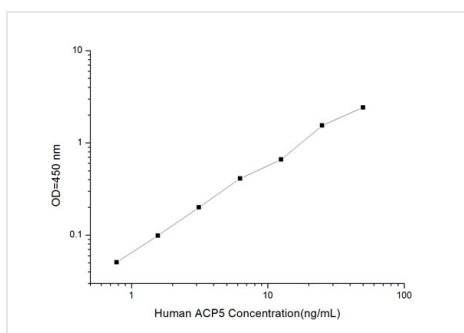
PRODUCT SYNONYMS

ACP5; Human ACP5 (Tartrate Resistant Acid Phosphatase 5) ELISA Kit; ACP5 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human ACP5. No significant cross-reactivity or interference between Human ACP5 and analogues was observed. Note: Limited by current skills and knowledge, it is impossible for us to complete the cross- reactivity detection between Human ACP5 and all the analogues, therefore, cross reaction may still exist.
Sequence Length	325
Samples	Serum, Plasma, Biological Fluids
Assay Type	Sandwich
Detection Range	0.781-50ng/mL
Sensitivity	Min: 0.469ng/mL; Max: 50ng/mL
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ACP5 elisa kit	Description: The kit is a sandwich enzyme immunoassay for in vitro quantitative measurement of ACP5 in human serum, plasma and other biological fluids Principle of the Assay: This ELISA kit uses Sandwich-ELISA as the method. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human ACP5. Standards or samples are added to the appropriate micro ELISA plate wells and bound by the specific antibody. Then a biotinylated detection antibody specific for Human ACP5 and Avidin-Horseradish Peroxidase (HRP) conjugate is added to each micro plate well successively and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human ACP5, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of a sulphuric acid solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human ACP5. You can calculate the concentration of Human ACP5 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48146273
NCBI GeneID	54
UniProt Accession #	P13686; Q2TAB1; Q6IAS6; Q9UCJ5; Q9UCJ6; Q9UCJ7; A8K3V2
Molecular Weight	36,599 Da
NCBI Official Full Name	ACP5
NCBI Official Synonym Full Names	acid phosphatase 5, tartrate resistant
NCBI Official Symbol	ACP5
NCBI Official Synonym Symbols	TRAP; SPENCDI
NCBI Protein Information	tartrate-resistant acid phosphatase type 5; TrATPase; tartrate-resistant acid ATPase
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.