

Mouse TRACP-5b (Tartrate-Resistant Acid Phosphatase 5b) CLIA Kit | TRACP-5b clia kit

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CATALOG #
AAA170956

REACTIVITY
Mouse

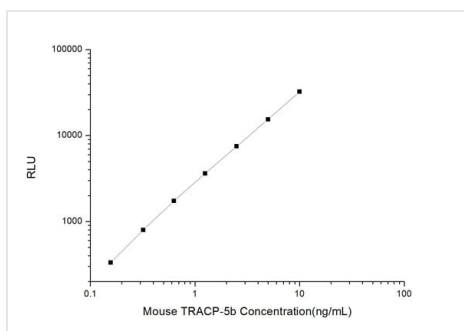
PRODUCT SYNONYMS

TRACP-5b (Tartrate-Resistant Acid Phosphatase 5b); Mouse TRACP-5b (Tartrate-Resistant Acid Phosphatase 5b) CLIA Kit; TRACP-5b clia kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This kit recognizes natural and recombinant TRACP-5b. No significant cross-reactivity or interference between TRACP-5b and analogues was observed.
Sequence Length	325
Assay Type	Sandwich
Detection Range	0.156-10ng/mL
Sensitivity	Min: 0.094ng/mL; Max: 10ng/mL

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRACP-5b clia kit

Intended Uses: This CLIA kit applies to the in vitro quantitative determination of TRACP-5b concentrations in serum, plasma and other biological fluids.

Principle of the Assay: This kit uses Sandwich-CLIA as the method. The micro CLIA plate provided in this kit has been pre-coated with an antibody specific to TRACP-5b. Standards or samples are added to the appropriate micro CLIA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for TRACP-5b 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 TRACP-5b, biotinylated detection antibody and Avidin-HRP conjugate will appear fluorescence. The Relative light unit (RLU) value is measured spectrophotometrically by the Chemiluminescence immunoassay analyzer. The RLU value is positively associated with the concentration of TRACP-5b. You can calculate the concentration of TRACP-5b in the samples by comparing the RLU value of the samples to the standard curve.

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-clia-kits/tracp-5b-tartrate-resistant-acid-phosphatase-5b/170956>