

Human Tartrate Resistant Acid Phosphatase (TRAP) ELISA Kit | TRAP elisa kit

Human Tartrate Resistant Acid Phosphatase, TRAP ELISA Kit

CATALOG #
AAA15038

REACTIVITY
Human

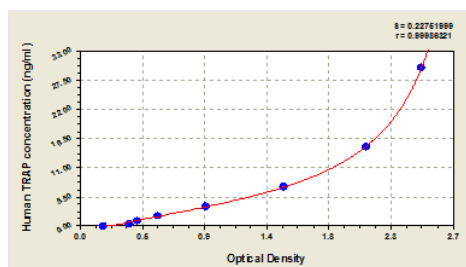
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human TRAP. No significant cross-reactivity or interference between human TRAP and analogues was observed.
Sequence Length	196
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, tissue homogenates
Detection Range	0.47 ng/ml-30 ng/ml
Sensitivity	< 0.12 ng/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for TRAP elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for TRAP has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any TRAP present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for TRAP is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of TRAP bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8918902
UniProt Accession #	P41068
Molecular Weight	21,961 Da
NCBI Official Full Name	traP
UniProt Protein Name	Protein TraP
UniProt Gene Name	traP
UniProt Synonym Gene Names	ECOK12F079
UniProt Entry Name	TRAP_ECOLI

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/human-elisa-kits/tartrate-resistant-acid-phosphatase-trap/15038>