

Mouse inositol 1, 4, 5, -trisphosphate (IP3) ELISA Kit | IP3 elisa kit

Mouse inositol 1, 4, 5, -trisphosphate, IP3 ELISA Kit

CATALOG #
AAA15701

REACTIVITY
Mouse

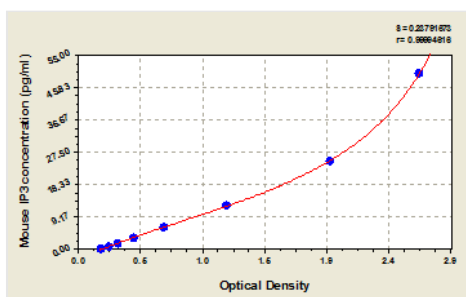
PRODUCT SYNONYMS

inositol 1; 4; 5; -trisphosphate (IP3); Mouse inositol 1; -trisphosphate; IP3 ELISA Kit; -trisphosphate (IP3) ELISA Kit; IP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	This assay has high sensitivity and excellent specificity for detection of mouse IP3. No significant cross-reactivity or interference between mouse IP3 and analogues was observed.
Sequence Length	193
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, tissue homogenates, cell lysates
Detection Range	0.78 pg/ml-50 pg/ml
Sensitivity	< 0.195 pg/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 IP3 elisa kit	Principle of the Assay: This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for IP3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any IP3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for IP3 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 IP3 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 #	535230
UniProt Accession #	Q38387
Molecular Weight	21,705 Da
NCBI Official Full Name	Ip3
UniProt Protein Name	Ip3
UniProt Gene Name	ip3
UniProt Entry Name	Q38387_BPK3

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/mouse-elisa-kits/inositol-1-4-5-trisphosphate-ip3/15701>