

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

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

CATALOG #
AAA15280

REACTIVITY
Human

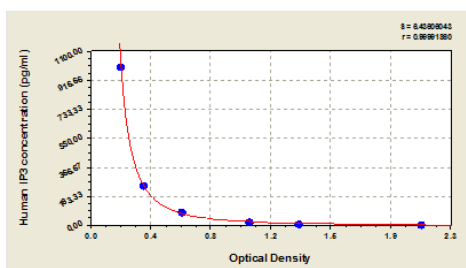
PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human IP3. No significant cross-reactivity or interference between human IP3 and analogues was observed.
Sequence Length	193
Assay Type	Competitive
Samples	Serum, plasma, cell culture supernates, tissue homogenates
Detection Range	5 pg/ml-1000 pg/ml
Sensitivity	< 2.5 pg/ml
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<15%. Three positive samples were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<15%. Three positive samples 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 competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with goat-anti-rabbit antibody. Standards or samples are added to the appropriate microtiter plate wells with an antibody specific for IP3 and Horseradish Peroxidase (HRP) conjugated IP3. The competitive inhibition reaction is launched between with HRP labeled IP3 and unlabeled IP3 with the antibody. A substrate solution is added to the wells and the color develops in opposite to the amount of IP3 in the sample. The color development is stopped and the intensity of the color is measured.

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/human-elisa-kits/inositol-1-4-5-trisphosphate-ip3/15280>