

General IP3 ELISA Kit | IP3 elisa kit

IP3 (Inositol Triphosphate) ELISA Kit

CATALOG #
AAA21939

REACTIVITY
General

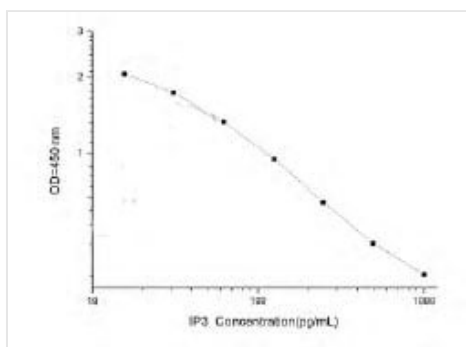
PRODUCT SYNONYMS

IP3; IP3 (Inositol Triphosphate) ELISA Kit; IP3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	General
Specificity	This kit recognizes IP3 in samples. No significant cross-reactivity or interference between IP3 and analogues was observed.
Sequence Length	193
Assay Type	Quantitative Competitive
Samples	Serum, plasma and other biological fluids
Detection Range	15.63-1000pg/mL
Sensitivity	9.38pg/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level IP3 were tested 20 times on one plate, respectively.
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level IP3 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for IP3 elisa kit	Principle of the Assay: This ELISA kit uses the Competitive-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with IP3. During the reaction, IP3 in the sample or standard competes with a fixed amount of IP3 on the solid phase supporter for sites on the Biotinylated Detection Ab specific to IP3. Excess conjugate and unbound sample or standard are washed from the plate, and Avidin conjugated to Horseradish Peroxidase (HRP) are added to each microplate well and incubated. Then a TMB substrate solution is added to each well. The enzyme-substrate reaction is terminated by the addition of stop solution and the color change is measured spectrophotometrically at a wavelength of 450 nm ± 2 nm. The concentration of IP3 in the samples is then determined by comparing the OD of the samples to the standard curve. Intended Uses: This ELISA kit applies to the in vitro quantitative determination of IP3 concentrations in serum, plasma and other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	535230
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.