

Mouse Inosine Triphosphatase (ITPA) RTU ELISA Kit | ITPA rtu elisa kit

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CATALOG #
AAA216589

REACTIVITY
Mouse

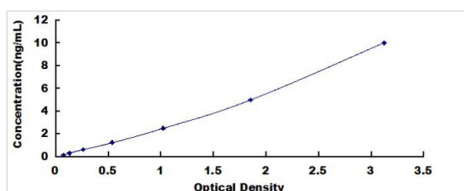
PRODUCT SYNONYMS

Inosine Triphosphatase (ITPA); Mouse Inosine Triphosphatase (ITPA) ELISA Kit; ITPase; Nucleoside Triphosphate Pyrophosphatase; Inosine Triphosphate Pyrophosphatase; Non-canonical purine NTP pyrophosphatase; Nucleoside-triphosphate diphosphatase; ITPA rtu elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Sequence Length	198
Assay Type	Sandwich
Samples	Tissue Homogenates, Cell Lysates or Other Biological Fluids.
Detection Range	0.156-10ng/mL
Sensitivity	0.049ng/mL
RTU ELISA Kit's Advantage	The Ready-To-Use (RTU) Kits require fewer steps in setup and take less time to run. Detection Solutions are pre-diluted and total incubation time is shorter than many other ELISA Kits.
Preparation and Storage	For unopened kits: All the reagents should be kept at 4 degree C upon receipt. For opened kits: Once the kit is opened, the remaining reagents still need to be stored according to the above storage conditions. In addition, return the unused wells to the foil pouch containing the desiccant pack and reseal along entire edge of zip-seal.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ITPA rtu elisa kit

Test Principle: The microtiter plate provided in this kit has been pre-coated with an antibody specific to ITPA. Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody preparation specific to ITPA. Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain ITPA, biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm $\pm$ 10nm. The concentration of ITPA in the samples is then determined by comparing the O.D. of the samples to the standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	31982664
NCBI GeneID	16434
NCBI Accession #	NP_080198.2
NCBI GenBank Nucleotide #	NM_025922.3
UniProt Accession #	Q9D892; Q8R0Q8
Molecular Weight	21,897 Da
NCBI Official Full Name	inosine triphosphate pyrophosphatase isoform 1
NCBI Official Synonym Full Names	inosine triphosphatase (nucleoside triphosphate pyrophosphatase)
NCBI Official Symbol	Itpa
NCBI Official Synonym Symbols	Itp; ITPase; NTPase; AU020102; 2010016I08Rik
NCBI Protein Information	inosine triphosphate pyrophosphatase
UniProt Protein Name	Inosine triphosphate pyrophosphatase
UniProt Gene Name	Itpa
UniProt Synonym Gene Names	ITPase; Inosine triphosphatase; NTPase

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-rtu-elisa-kits/inosine-triphosphatase-itpa/216589>