

Human Autotaxin (ATX) ELISA Kit | ATX elisa kit

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CATALOG #
AAA11375

REACTIVITY
Human

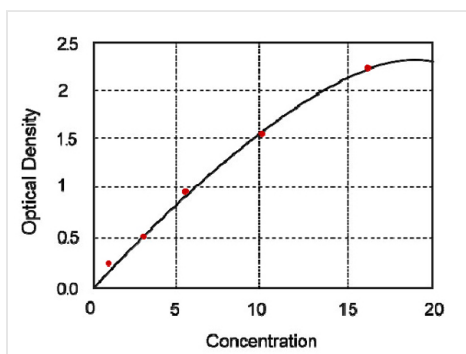
PRODUCT SYNONYMS

Autotaxin (ATX); Human Autotaxin (ATX) ELISA Kit; ATX elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	915
Assay Type	Quantitative Sandwich
Samples	Serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids
Detection Range	10-3000ng/L
Sensitivity	4.65ng/L
Intra-assay Precision	Intra-Assay Precision (Precision within an assay) Three samples of known concentration were tested on one plate to assess intra-assay precision. Intra-Assay: CV<8%
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision. CV(%) = SD/mean x 100. Inter-Assay: CV<10%
Preparation and Storage	Store at 2 to 8 degree C for 6 months.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for ATX elisa kit	Principle of the Assay: This kit is an Enzyme-Linked Immunosorbent Assay (ELISA). The plate has been pre-coated with Human ATX antibody. ATX present in the sample is added and binds to antibodies coated on the wells. And then biotinylated Human ATX Antibody is added and binds to ATX in the sample. Then Streptavidin-HRP is added and binds to the Biotinylated ATX antibody. After incubation unbound Streptavidin-HRP is washed away during a washing step. Substrate solution is then added and color develops in proportion to the amount of Human ATX. The reaction is terminated by addition of acidic stop solution and absorbance is measured at 450 nm. Intended Uses: This sandwich kit is for the accurate quantitative detection of Human Autotaxin (also known as ATX) in serum, plasma, cell culture supernates, Ascites, tissue homogenates or other biological fluids.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	537906
NCBI GeneID	5168
Molecular Weight	105,201 Da
NCBI Official Full Name	autotaxin
NCBI Official Synonym Full Names	ectonucleotide pyrophosphatase/phosphodiesterase 2
NCBI Official Symbol	ENPP2
NCBI Official Synonym Symbols	ATX; NPP2; ATX-X; PDNP2; LysoPLD; AUTOTAXIN; PD-IALPHA
NCBI Protein Information	ectonucleotide pyrophosphatase/phosphodiesterase family member 2
UniProt Protein Name	Ectonucleotide pyrophosphatase/phosphodiesterase family member 2
UniProt Gene Name	ENPP2
UniProt Synonym Gene Names	ATX2 PublicationsManual assertion based on opinion iniRef.5; LysoPLD1 PublicationManual assertion based on opinion iniRef.8

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.