

Mouse PTX3/Pentraxin 3 ELISA Kit | PTX3 elisa kit

Mouse PTX3/Pentraxin 3 PicoKine ELISA Kit

CATALOG #
AAA45585

REACTIVITY
Mouse

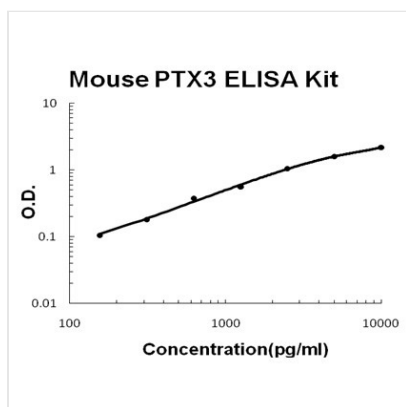
PRODUCT SYNONYMS

PTX3/Pentraxin 3; Mouse PTX3/Pentraxin 3 PicoKine ELISA Kit; Pentraxin-related protein PTX3; pentraxin 3; long; AI607804; Pentaxin 3; Pentaxin-related protein PTX3; Pentraxin 3 long; Pentraxin-related gene; Pentraxin-related gene rapidly induced by IL-1 beta; PTX3; PTX3_HUMAN; TNF alpha-induced protein 5; TNFAIP5; TSG-14; TSG14; Tumor necrosis factor alpha-induced protein 5; Tumor necrosis factor-inducible gene 14 protein; Tumor necrosis factor-inducible protein TSG-14; PTX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Mouse
Specificity	Natural and recombinant mouse PTX3
Sequence Length	381
Samples	Cell culture supernates, serum and plasma (EDTA)
Assay Type	Sandwich
Detection Range	156pg/ml-10,000pg/ml
Sensitivity	< 10pg/ml
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.
Inter-assay Precision	Inter-Assay Precision (Precision between assays) Three samples of known concentration were tested in separate assays to assess inter-assay precision.
Preparation and Storage	Store at 4 degree C for 6 months, at -20 degree C for 12 months. Avoid multiple freeze-thaw cycles (Shipped with wet ice.)

IMAGES



Standard Curve (Sample)

Mouse PTX3/Pentraxin 3 PicoKine ELISA Kit standard curve

ADDITIONAL INFORMATION

Related Product Information for PTX3 elisa kit	Principle of the assay: mouse PTX3 ELISA Kit was based on standard sandwich enzyme-linked immune-sorbent assay technology. A monoclonal antibody from rat specific for PTX3 has been precoated onto 96-well plates. Standards(NSO, E18-S381) and test samples are added to the wells, a biotinylated detection polyclonal antibody from goat specific for PTX3 is added subsequently and then followed by washing with PBS or TBS buffer. Avidin-Biotin-Peroxidase Complex was added and unbound conjugates were washed away with PBS or TBS buffer. HRP substrate TMB was used to visualize HRP enzymatic reaction. TMB was catalyzed by HRP to produce a blue color product that changed into yellow after adding acidic stop solution. The density of yellow is proportional to the mouse PTX3 amount of sample captured in plate. Background: PTX3(Pentraxin 3) is a member of the pentraxin superfamily. This super family characterized by cyclic multimeric structure. The PTX3 gene is mapped to 3q25.32. The predicted 381-amino acid PTX3 protein has homology to the pentraxin protein family. Significant levels of PTX3 were detected in plasma of neutropenic patients with systemic A. PTX3 is effective in preventing CMV infection and reactivation, as well as subsequent Aspergillus infection. PTX3 activates the classical pathway of complementactivation and facilitates pathogen recognition by macrophages and DCs.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	1709912
NCBI GeneID	19288
UniProt Accession #	P48759; Q8VDF1
Molecular Weight	41,812 Da
NCBI Official Full Name	Pentraxin-related protein PTX3
NCBI Official Synonym Full Names	pentraxin related gene
NCBI Official Symbol	Ptx3
NCBI Official Synonym Symbols	TSG-14; AI607804
NCBI Protein Information	pentraxin-related protein PTX3; pentraxin 3; pentaxin related; pentaxin-related protein PTX3; tumor necrosis factor-inducible gene 14 protein
UniProt Protein Name	Pentraxin-related protein PTX3
UniProt Gene Name	Ptx3
UniProt Synonym Gene Names	Tsg14; TSG-14
UniProt Entry Name	PTX3_MOUSE

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/mouse-elisa-kits/ptx3-pentraxin-3/45585>