

Human Pentraxin 3 (PTX3) ELISA Kit | PTX3 elisa kit

Human Pentraxin 3 (PTX3) ELISA Kit

CATALOG #
AAA331220

REACTIVITY
Human

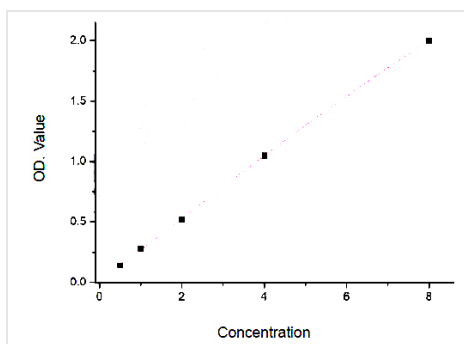
PRODUCT SYNONYMS

Pentraxin 3 (PTX3); Human Pentraxin 3 (PTX3) ELISA Kit; PTX3; TNFAIP5; TSG-14; pentaxin-related gene; rapidly induced by IL-1 beta; tumor necrosis factor; alpha-induced protein 5; pentaxin-related protein PTX3; pentraxin 3; pentraxin-3; alph; PTX3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Sequence Length	381
Assay Type	Sandwich
Preparation and Storage	Store at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PTX3 elisa kit

Principle of the Assay: Human Pentraxin 3 (PTX3) ELISA Kit employs a two-site sandwich ELISA to quantitate PTX3 in samples. An antibody specific for PTX3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PTX3 present is bound by the immobilized antibody. After removing any unbound substances, HRP-Conjugated Human PTX3 detection antibody is added to the wells. Following a wash to remove any unbound HRP reagent, a Chromogen solution is added to the wells and color develops in proportion to the amount of PTX3 bound in the initial step. The color development is stopped and the intensity of the color is measured.

Background/Introduction: This PTX3 encodes a member of the pentraxin protein family. The expression of this protein is induced by inflammatory cytokines in response to inflammatory stimuli in several mesenchymal and epithelial cell types, particularly endothelial cells and mononuclear phagocytes. The protein promotes fibrocyte differentiation and is involved in regulating inflammation and complement activation. It also plays a role in angiogenesis and tissue remodeling. The protein serves as a biomarker for several inflammatory conditions.

NCBI AND UNIPROT INFORMATION

NCBI GI #

167900484

NCBI GeneID	5806
NCBI Accession #	NP_002843.2
NCBI GenBank Nucleotide #	NP_002843.2
UniProt Accession #	P26022
NCBI Official Full Name	pentraxin-related protein PTX3
NCBI Official Synonym Full Names	pentraxin 3
NCBI Official Symbol	PTX3
NCBI Official Synonym Symbols	TSG-14; TNFAIP5
NCBI Protein Information	pentraxin-related protein PTX3
UniProt Protein Name	Pentraxin-related protein PTX3
UniProt Gene Name	PTX3
UniProt Synonym Gene Names	TNFAIP5; TSG14; TNF alpha-induced protein 5; TSG-14
UniProt Entry Name	PTX3_HUMAN

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/human-elisa-kits/pentraxin-3-ptx3/331220>