

Human proteinase 3 ELISA Kit | PRTN3 elisa kit

Human proteinase 3, PR3 ELISA Kit

CATALOG #
AAA15272

REACTIVITY
Human

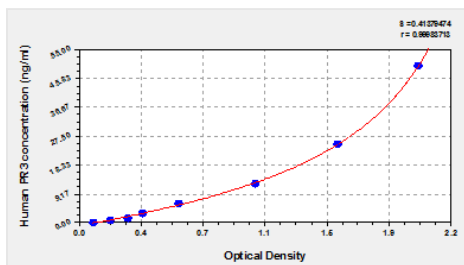
PRODUCT SYNONYMS

proteinase 3; Human proteinase 3; PR3 ELISA Kit; Human proteinase 3 (PR3) ELISA kit; ACPA; AGP7; C-ANCA; CANCA; MBN; MBT; NP4; P29; PR-3; PR3; Wegener granulomatosis autoantigen; azurophil granule protein 7; leukocyte proteinase 3; myeloblastin; serine proteinase; neutrophil; PRTN3 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of human PR3. No significant cross-reactivity or interference between human PR3 and analogues was observed.
Sequence Length	256
Samples	Serum, plasma, tissue homogenates, urine.
Assay Type	Sandwich
Detection Range	0.78 ng/ml -50 ng/ml.
Sensitivity	0.195 ng/ml.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): CV%<8%. Three samples of known concentration were tested twenty times on one plate to assess.
Inter-assay Precision	Inter-assay Precision (Precision between assays): CV%<10%. Three samples of known concentration were tested in twenty assays to assess.
Preparation and Storage	Unopened test kits should be stored at 2 to 8 degree C upon receipt. Please refer to pdf manual for further storage instructions.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for PRTN3 elisa kit	Principle of the Assay This assay employs the quantitative sandwich enzyme immunoassay technique. Antibody specific for PR3 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PR3 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PR3 is added to the wells. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Following a wash to remove any unbound avidin-enzyme reagent, a substrate solution is added to the wells and color develops in proportion to the amount of PR3 bound in the initial step. The color development is stopped and the intensity of the color is measured.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	71361688
NCBI GeneID	5657
NCBI Accession #	NP_002768.3
NCBI GenBank Nucleotide #	NM_002777.3
UniProt Accession #	P24158; P15637; P18078; Q4VB08; Q4VB09; Q6LBM7; Q6LBN2; Q9UD25; Q9UQD8
Molecular Weight	27,807 Da
NCBI Official Full Name	myeloblastin
NCBI Official Synonym Full Names	proteinase 3
NCBI Official Symbol	PRTN3
NCBI Official Synonym Symbols	MBN; MBT; NP4; P29; PR3; ACPA; AGP7; NP-4; PR-3; CANCA; C-ANCA
NCBI Protein Information	myeloblastin; C-ANCA antigen; wegener autoantigen; leukocyte proteinase 3; neutrophil proteinase 4; azurophil granule protein 7; serine proteinase, neutrophil; Wegener granulomatosis autoantigen
UniProt Protein Name	Myeloblastin
UniProt Gene Name	PRTN3
UniProt Synonym Gene Names	MBN; PR-3; PR3; NP-4
UniProt Entry Name	PRTN3_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.

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Online datasheet: <https://stage.aaabiotech.com/prtn3-human-elisa-kits/proteinase-3/15272>