

Human Polyamine-modulated factor 1 ELISA Kit | PMF1 elisa kit

Human Polyamine-modulated factor 1 (PMF1) ELISA Kit

CATALOG #
AAA55490

REACTIVITY
Human

PRODUCT SYNONYMS

Polyamine-modulated factor 1; Human Polyamine-modulated factor 1 (PMF1) ELISA Kit; PMF1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Human PMF1. No significant cross-reactivity or interference between Human PMF1 and analogues was observed.
Sequence Length	202
Samples	Serum, plasma and other biological fluids
Assay Type	Quantitative Sandwich
Detection Range	0.31 ng/mL - 20 ng/mL
Sensitivity	0.1 ng/mL
Intra-assay Precision	Intra-assay Precision (Precision within an assay) Three samples of known concentration were tested twenty times 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 forty separate assays to assess inter-assay precision. CV (%) = SD/meanX100. Inter-Assay: CV<12%
Preparation and Storage	Store at 2-8 degree C.

ADDITIONAL INFORMATION

Related Product Information for PMF1 elisa kit

Intended Uses: For the quantitative detection of Human Polyamine-modulated factor 1 (PMF1) concentration in serum, plasma and other biological fluids.

Principle of the Assay: This assay employs a two-site sandwich ELISA to quantitate PMF1 in Human serum, plasma. An antibody specific for PMF1 has been pre-coated onto a microplate. Standards and samples are pipetted into the wells and any PMF1 present is bound by the immobilized antibody. After removing any unbound substances, a biotin-conjugated antibody specific for PMF1 is added to the wells. After washing, Streptavidin 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 PMF1 bound in the initial step. The color development is stopped and the intensity of the color is measured.

NCBI AND UNIPROT INFORMATION

NCBI GI #	313851053
NCBI GeneID	11243
NCBI Accession #	NP_001186582.1
NCBI GenBank Nucleotide #	NM_001199653.1

UniProt Accession #	Q6P1K2; Q5TCJ8; Q5TCJ9; Q5TCK0; Q5TCK1; Q5TCK3; Q69YZ9; Q6PHR4; Q6ZVE6; Q86VJ6; Q8N4T6; A8K0C5
Molecular Weight	20,230 Da
NCBI Official Full Name	polyamine-modulated factor 1 isoform 3
NCBI Official Synonym Full Names	polyamine modulated factor 1
NCBI Official Symbol	PMF1
NCBI Protein Information	polyamine-modulated factor 1
UniProt Protein Name	Polyamine-modulated factor 1
UniProt Gene Name	PMF1
UniProt Synonym Gene Names	PMF-1

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://www.aaabiotech.com/pmf1-human-elisa-kits/polyamine-modulated-factor-1/55490>