

Human Methionyl Aminopeptidase 2 (METAP2) ELISA Kit | METAP2 elisa kit

Human Methionyl Aminopeptidase 2 (METAP2) ELISA Kit

CATALOG #
AAA136565

REACTIVITY
Human

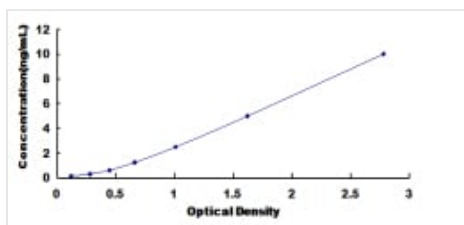
PRODUCT SYNONYMS

Methionyl Aminopeptidase 2 (METAP2); Human Methionyl Aminopeptidase 2 (METAP2) ELISA Kit; MNPEP; p67; p67eIF2; Peptidase M; Initiation factor 2-associated 67 kDa glycoprotein; METAP2 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This assay has high sensitivity and excellent specificity for detection of Methionyl Aminopeptidase 2 (METAP2). No significant cross-reactivity or interference between Methionyl Aminopeptidase 2 (METAP2) and analogues was observed.
Sequence Length	478
Assay Type	Double-antibody Sandwich
Samples	Tissue homogenates and other biological fluids
Detection Range	0.156-10ng/mL
Sensitivity	0.058ng/mL
Application	Enzyme-linked immunosorbent assay for Antigen Detection.
Intra-assay Precision (Precision within an assay)	3 samples with low, middle and high level Methionyl Aminopeptidase 2 (METAP2) were tested 20 times on one plate, respectively.
Inter-assay Precision (Precision between assays)	3 samples with low, middle and high level Methionyl Aminopeptidase 2 (METAP2) were tested on 3 different plates, 8 replicates in each plate.
CV(%) =	SD/meanX100
Intra-Assay	CV<10%
Inter-Assay	CV<12%
Preparation and Storage	The stability of kit is determined by the loss rate of activity. The loss rate of this kit is less than 5% within the expiration date under appropriate storage condition. To minimize extra influence on the performance, operation procedures and lab conditions, especially room temperature, air humidity, incubator temperature should be strictly controlled. It is also strongly suggested that the whole assay is performed by the same operator from the beginning to the end.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for METAP2 elisa kit	The test principle applied in this kit is Sandwich enzyme immunoassay. The microtiter plate provided in this kit has been pre-coated with an antibody specific to Methionyl Aminopeptidase 2 (METAP2). Standards or samples are then added to the appropriate microtiter plate wells with a biotin-conjugated antibody specific to Methionyl Aminopeptidase 2 (METAP2). Next, Avidin conjugated to Horseradish Peroxidase (HRP) is added to each microplate well and incubated. After TMB substrate solution is added, only those wells that contain Methionyl Aminopeptidase 2 (METAP2), biotin-conjugated antibody and enzyme-conjugated Avidin will exhibit a change in color. The enzyme-substrate reaction is terminated by the addition of sulphuric acid solution and the color change is measured spectrophotometrically at a wavelength of 450nm ± 10nm. The concentration of Methionyl Aminopeptidase 2 (METAP2) in the samples is then determined by comparing the O.D. of the samples to the standard curve.
Product Categories/Family for METAP2 elisa kit	Enzyme & Kinase

NCBI AND UNIPROT INFORMATION

NCBI GI #	15489376
NCBI GeneID	10988
UniProt Accession #	P50579; Q8NB11; B2RDI8; B4DUX5; G3XA91
Molecular Weight	50,497 Da
NCBI Official Full Name	Methionyl aminopeptidase 2
NCBI Official Synonym Full Names	methionyl aminopeptidase 2
NCBI Official Symbol	METAP2
NCBI Official Synonym Symbols	p67; MAP2; MNPEP; p67eIF2
NCBI Protein Information	methionine aminopeptidase 2
UniProt Protein Name	Methionine aminopeptidase 2
UniProt Gene Name	METAP2
UniProt Synonym Gene Names	MAP 2; MetAP 2; p67; p67eIF2
UniProt Entry Name	MAP2_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/methionyl-aminopeptidase-2-metap2/136565>