

Human MMP23B ELISA Kit | MMP23B elisa kit

Human MMP23B (Matrix Metalloproteinase 23B) ELISA Kit

CATALOG #
AAA21978

REACTIVITY
Human

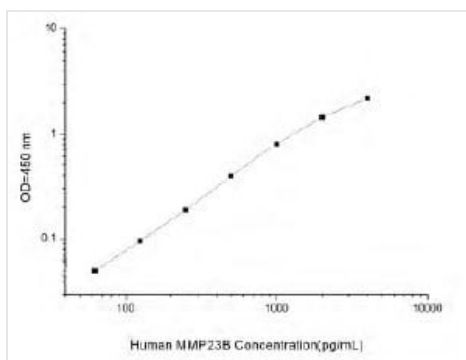
PRODUCT SYNONYMS

MMP23B; Human MMP23B (Matrix Metalloproteinase 23B) ELISA Kit; MMP23B elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Human
Specificity	This kit recognizes Human MeCP2 in samples. No significant cross-reactivity or interference between Human MeCP2 and analogues was observed.
Sequence Length	390
Samples	Serum, Plasma And Other Biological Fluids
Assay Type	Quantitative Sandwich
Detection Range	0.16-10ng/mL
Sensitivity	0.1ng/mL.
Intra-assay Precision	Intra-assay Precision (Precision within an assay): 3 samples with low, mid range and high level Human MeCP2 were tested 20 times on one plate, respectively
Inter-assay Precision	Inter-assay Precision (Precision between assays): 3 samples with low, mid range and high level Human MeCP2 were tested on 3 different plates, 20 replicates in each plate.
Preparation and Storage	Store at 4 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for MMP23B elisa kit	Intended Uses: This ELISA kit applies to the in vitro quantitative determination of Human MeCP2 concentrations in serum, plasma and other biological fluids. Principle of the Assay: This ELISA kit uses the Sandwich-ELISA principle. The micro ELISA plate provided in this kit has been pre-coated with an antibody specific to Human MeCP2. Standards or samples are added to the micro ELISA plate wells and combined with the specific antibody. Then a biotinylated detection antibody specific for Human MeCP2 and Avidin-Horseradish Peroxidase (HRP) conjugate are added successively to each micro plate well and incubated. Free components are washed away. The substrate solution is added to each well. Only those wells that contain Human MeCP2, biotinylated detection antibody and Avidin-HRP conjugate will appear blue in color. The enzyme-substrate reaction is terminated by the addition of stop solution and the color turns yellow. The optical density (OD) is measured spectrophotometrically at a wavelength of 450 nm +/- 2 nm. The OD value is proportional to the concentration of Human MeCP2. You can calculate the concentration of Human MeCP2 in the samples by comparing the OD of the samples to the standard curve.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	117949605
NCBI GeneID	8510
Molecular Weight	46,305 Da
NCBI Official Full Name	Matrix metalloproteinase-23
NCBI Official Synonym Full Names	matrix metalloproteinase 23B
NCBI Official Symbol	MMP23B
NCBI Official Synonym Symbols	MIFR; MMP22; MIFR-1; MMP23A
NCBI Protein Information	matrix metalloproteinase-23; MMP-21; MMP-22; MMP-23; femalysin; matrix metalloproteinase 22; matrix metalloproteinase 23B; matrix metalloproteinase in the female reproductive tract; matrix metalloproteinase-21; matrix metalloproteinase-22
UniProt Protein Name	Matrix metalloproteinase-23
UniProt Gene Name	MMP23A
UniProt Synonym Gene Names	MMP21; MMP-23; MMP-21; MMP-22
UniProt Entry Name	MMP23_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/mmp23b/21978>