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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Mouse Neprilysin(MME) ELISA kit

Product Code	CSB-EL014653MO
Abbreviation	MME
Target Name	membrane metallo-endopeptidase
Uniprot No.	Q61391
Alias	CALLA, CD10, DKFZp686O16152, MGC126681, MGC126707, NEP, atriopeptidase common acute lymphocytic leukemia antigen enkephalinase membrane metallo-endopeptidase (neutral endopeptidase, enkephalinase) m
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma,tissue homogenates
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 ng/mL
Assay Time	1-5h
Sample Volume	50-100ul
Detection Wavelength	450 nm
Lead Time	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.
Research Area	Others
Target Names	Mme
Tag Info	quantitative
Protein Length	Sandwich
Description	This Mouse MME ELISA Kit was designed for the quantitative measurement of Mouse MME protein in serum, plasma,tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/mL.

Target Details	This gene encodes a common acute lymphocytic leukemia antigen that is an important cell surface marker in the diagnosis of human acute lymphocytic leukemia (ALL). This protein is present on leukemic cells of pre-B phenotype, which represent 85% of cases of ALL. This protein is not restricted to leukemic cells, however, and is found on a variety of normal tissues. It is a glycoprotein that is particularly abundant in kidney, where it is present on the brush border of proximal tubules and on glomerular epithelium. The protein is a neutral endopeptidase that cleaves peptides at the amino side of hydrophobic residues and inactivates several peptide hormones including glucagon, enkephalins, substance P, neurotensin, oxytocin, and bradykinin. This gene, which encodes a
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100-kD type II transmembrane glycoprotein, exists in a single copy of greater than 45 kb. The 5 untranslated region of this gene is alternatively spliced, resulting in four separate mRNA transcripts. The coding region is not affected by alternative splicing.

Product 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 (Precision between assays): CV%<10%

Three samples of known concentration were tested in twenty assays to assess.

?	Intra-Assay Precision			Inter-Assay Precision		
Sample	1	2	3	1	2	3
n	20	20	20	20	20	20
Mean(ng/ml)	1.191	1.240	1.225	1.238	1.249	1.202
SD	0.043	0.037	0.045	0.049	0.055	0.052
CV(%)	5.137	4.282	5.257	5.678	6.329	6.168

Linearity

To assess the linearity of the assay, samples were spiked with high concentrations of mouse MME in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of ? Sample Serum(n=4) the assay.

1:1	Average %	98
	Range %	94-103
1:2	Average %	85
	Range %	80-90
1:4	Average %	100
	Range %	97-103
1:8	Average %	86
	Range %	83-89

Recovery

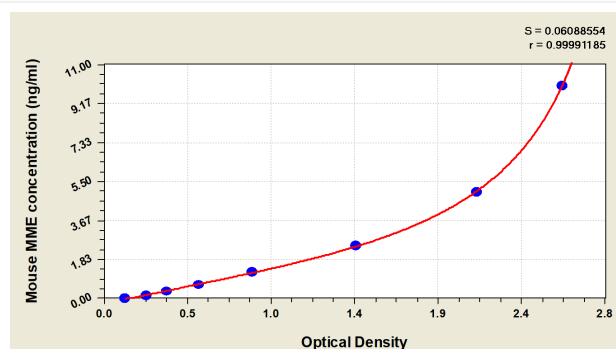
The recovery of mouse MME spiked to levels throughout the range of the assay in various matrices was evaluated. Samples were diluted prior to assay as directed in the Sample Preparation section.

Serum (n=5)	102	97-106
EDTA		
plasma (n=4)	89	85-94

Sample Type	Average % Recovery	Range%
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Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.





ng/ml	OD1	OD2	Average	Corrected
10	2.577	2.601	2.589	2.458
5	2.150	2.064	2.107	1.976
2.5	1.424	1.436	1.430	1.299
1.25	0.860	0.835	0.848	0.717
0.625	0.557	0.538	0.548	0.417
0.312	0.365	0.371	0.368	0.237
0.156	0.259	0.238	0.249	0.118
0	0.131	0.130	0.131	?

Msds

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