Mouse Creatine Kinase MB isoenzyme,CK-MB ELISA Kit

Product Code	CSB-E14404m
Abbreviation	CK-MB
Target Name	Creatine Kinase MB isoenzyme,CK-MB
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, cell culture supernates, tissue homogenates
Detection Range	1.25 mU/mL-80 mU/mL
Sensitivity	0.312 mU/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	Cardiovascular
Tag Info	quantitative
Protein Description	Sandwich
Description	This Mouse CK-MB ELISA Kit was designed for the quantitative measurement of Mouse CK-MB protein in serum, plasma, cell culture supernates, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.25 mU/mL-80 mU/mL and the sensitivity is 0.312 mU/mL.
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.
Linearity	To assess the linearity of the assay, samples were spiked with high concentrations of mouse CK-MB in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	92
	Range %	80-99

1:2	Average %	95
	Range %	86-105
1:4	Average %	91
	Range %	82-100
1:8	Average %	93
	Range %	82-101

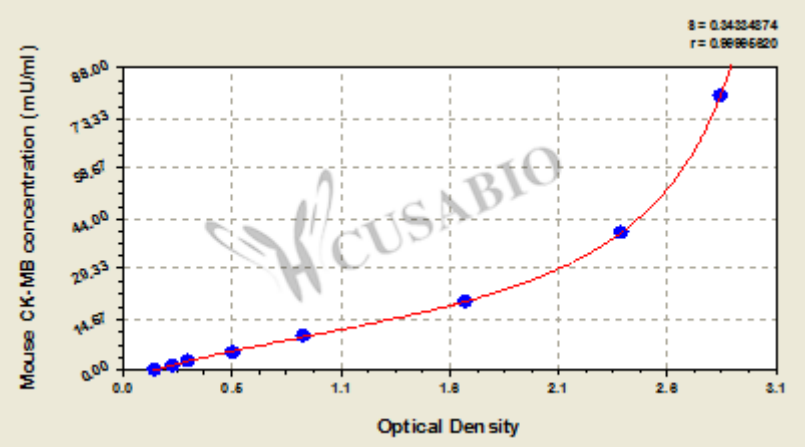
Recovery

The recovery of mouse CK-MB 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.

Sample Type	Average % Recovery	Range
Serum (n=5)	98	94-105
EDTA plasma (n=4)	95	89-98

Typical

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



mU/ml	OD1	OD2	Average	Corrected
80	2.912	2.787	2.850	2.684
40	2.386	2.374	2.380	2.214
20	1.617	1.664	1.641	1.475
10	0.846	0.895	0.871	0.705
5	0.553	0.523	0.538	0.372
2.5	0.318	0.336	0.327	0.161
1.25	0.246	0.252	0.249	0.083
0	0.164	0.168	0.166	?

Msds

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