



# Human Creatine Kinase MB isoenzyme,CK-MB ELISA Kit

Product Code	CSB-E05140h			
Abbreviation	CK-MB			
Target Name	Creatine Kinase MB isoenzyme,CK-MB			
Alias	N/A			
Product Type	ELISA Kit			
Immunogen Species	Homo sapiens (Human)			
Sample Types	serum, plasma, urine, tissue homogenates			
Detection Range	0.9 ng/mL-60 ng/mL			
Sensitivity	0.22 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	Cardiovascular			
Tag Info	quantitative			
Protein Description	Sandwich			
Description	<p>This Human CK-MB ELISA Kit was designed for the quantitative measurement of Human CK-MB protein in serum, plasma, urine, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.9 ng/mL-60 ng/mL and the sensitivity is 0.22 ng/mL.</p>			
Product Precision	<p><b>Intra-assay Precision (Precision within an assay): CV%&lt;8%</b> Three samples of known concentration were tested twenty times on one plate to assess.</p> <p><b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b> Three samples of known concentration were tested in twenty assays to assess.</p>			
Linearity	<p>To assess the linearity of the assay, samples were spiked with high concentrations of human CK-MB in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p> <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr></table>	?	Sample	Serum(n=4)
?	Sample	Serum(n=4)		



1:1	Average %	87
	Range %	84-90
1:2	Average %	104
	Range %	101-107
1:4	Average %	98
	Range %	94-102
1:8	Average %	101
	Range %	98-104

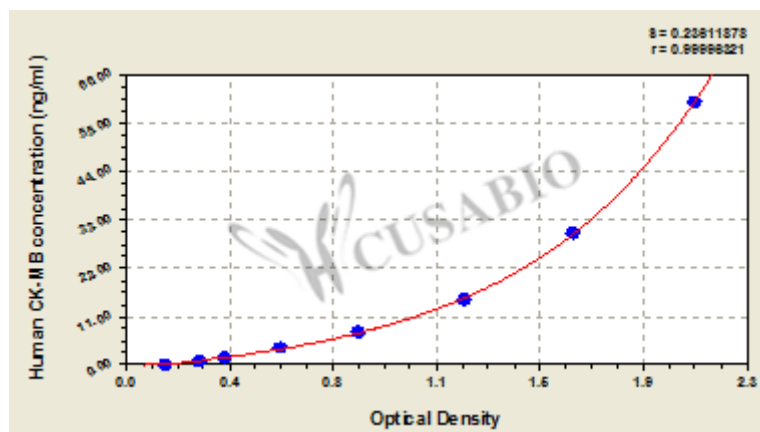
## Recovery

The recovery of human 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)	85	81-89
EDTA plasma (n=4)	109	104-113

## 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
60	2.016	2.106	2.061	1.907
30	1.646	1.604	1.625	1.471
15	1.215	1.253	1.234	1.080
7.5	0.859	0.848	0.854	0.700
3.75	0.586	0.552	0.569	0.415
1.8	0.370	0.367	0.369	0.215
0.9	0.284	0.278	0.281	0.127
0	0.155	0.153	0.154	?

## Msds

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