



Mouse Folic acid,FA ELISA Kit

Product Code	CSB-E08758m			
Abbreviation	FA			
Protein Biological Process 1	Metabolism			
Target Name	Folic acid,FA			
Alias	N/A			
Product Type	ELISA Kit			
Immunogen Species	Mus musculus (Mouse)			
Sample Types	serum, plasma			
Detection Range	0.195 ng/mL-50 ng/mL			
Sensitivity	0.195 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	Metabolism			
Tag Info	quantitative			
Protein Description	Competitive			
Description	<p>This Mouse Folic acid (FA) ELISA Kit was designed for the quantitative measurement of Mouse Folic acid (FA) protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 0.195 ng/mL-50 ng/mL and the sensitivity is 0.195 ng/mL.</p>			
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10% 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 mouse FA 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 %	97
	Range %	90-105
1:2	Average %	89
	Range %	83-96
1:4	Average %	92
	Range %	84-99
1:8	Average %	91
	Range %	85-99

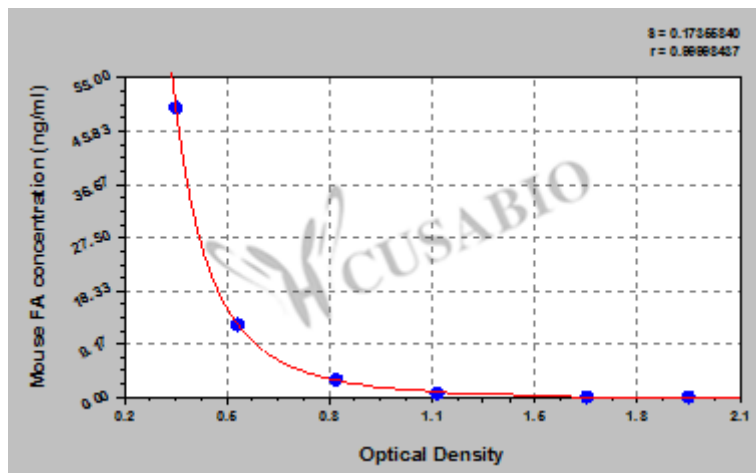
Recovery

The recovery of mouse FA 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)	95	87-100
EDTA plasma (n=4)	95	89-99

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
50	0.321	0.332	0.327
12.5	0.512	0.537	0.525
3.12	0.826	0.851	0.839
0.78	1.175	1.153	1.164
0.195	1.655	1.632	1.644
0	1.985	1.948	1.967