



# Mouse Anti-Smooth Muscle Antibody,ASMA ELISA Kit

Product Code	CSB-E08795m										
Abbreviation	ASM Ab										
Target Name	Anti-Smooth Muscle Antibody,ASMA										
Product Type	ELISA Kit										
Immunogen Species	Mus musculus (Mouse)										
Sample Types	serum, plasma, tissue homogenates										
Detection Range	1.56 ng/mL-100 ng/mL										
Sensitivity	0.39 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	Signal Transduction										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	This Mouse ASM Ab ELISA Kit was designed for the quantitative measurement of Mouse ASM Ab protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 1.56 ng/mL-100 ng/mL and the sensitivity is 0.39 ng/mL.										
Product Precision	<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. <b>Inter-assay Precision (Precision between assays): CV%&lt;10%</b> 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 ASMA in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay. <table><tr><td>?</td><td>Sample</td><td>Serum(n=4)</td></tr><tr><td>1:1</td><td>Average %</td><td>98</td></tr><tr><td></td><td>Range %</td><td>87-102</td></tr></table>		?	Sample	Serum(n=4)	1:1	Average %	98		Range %	87-102
?	Sample	Serum(n=4)									
1:1	Average %	98									
	Range %	87-102									



1:2	Average %	98
	Range %	90-101
1:4	Average %	89
	Range %	84-93
1:8	Average %	107
	Range %	98-111

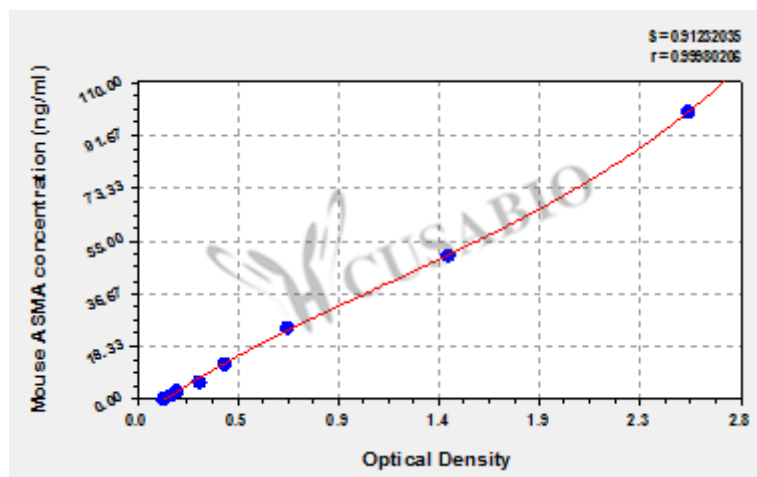
## Recovery

The recovery of mouse ASMA 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)	90	81-94
EDTA plasma (n=4)	114	102-117

## 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
100	2.561	2.498	2.530	2.397
50	1.413	1.456	1.435	1.302
25	0.695	0.702	0.699	0.566
12.5	0.409	0.417	0.413	0.280
6.25	0.292	0.304	0.298	0.165
3.12	0.190	0.198	0.194	0.061
1.56	0.166	0.171	0.169	0.036
0	0.136	0.130	0.133	?

## Msds

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