



# Rabbit Immunoglobulin M,IgM ELISA Kit

Product Code	CSB-E06950Rb																			
Abbreviation	IgM																			
Target Name	Immunoglobulin M,IgM																			
Product Type	ELISA Kit																			
Immunogen Species	Oryctolagus cuniculus (Rabbit)																			
Sample Types	serum, plasma																			
Detection Range	15.6 ng/mL-4000 ng/mL																			
Sensitivity	4 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	Immunology																			
Tag Info	quantitative																			
Protein Description	Competitive																			
Description	This Rabbit IgM ELISA Kit was designed for the quantitative measurement of Rabbit IgM protein in serum, plasma. It is a Competitive ELISA kit, its detection range is 15.6 ng/mL-4000 ng/mL and the sensitivity is 4 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 rabbit IgM 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 rowspan="2">1:1000</td><td>Average %</td><td>96</td></tr><tr><td>Range %</td><td>87-105</td></tr><tr><td rowspan="2">1:2000</td><td>Average %</td><td>92</td></tr><tr><td>Range %</td><td>85-100</td></tr><tr><td rowspan="2">1:4000</td><td>Average %</td><td>93</td></tr><tr><td>Range %</td><td>89-100</td></tr></table>		?	Sample	Serum(n=4)	1:1000	Average %	96	Range %	87-105	1:2000	Average %	92	Range %	85-100	1:4000	Average %	93	Range %	89-100
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1:8000	Average %	94
	Range %	85-99

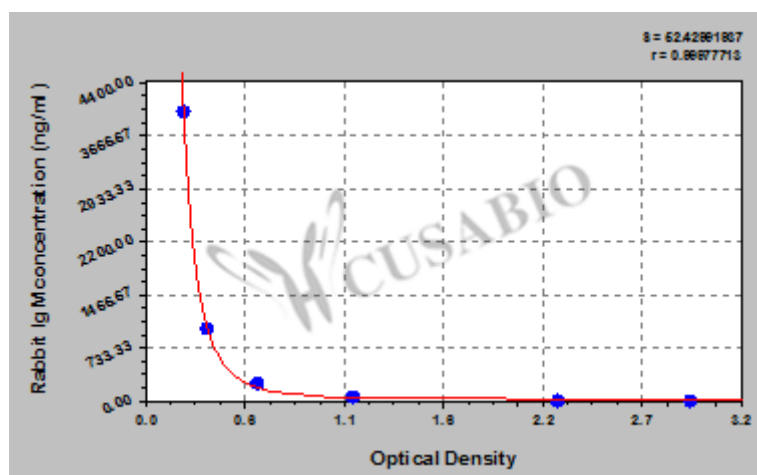
## Recovery

The recovery of rabbit IgM 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	90-100
EDTA plasma (n=4)	93	87-98

## 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
4000	0.225	0.218	0.222
1000	0.351	0.345	0.348
250	0.623	0.617	0.62
62.5	1.127	1.139	1.133
15.6	2.226	2.241	2.234
0	2.911	2.984	2.948