



# Mouse circulating immune complex(CIC)ELISA Kit

<b>Product Code</b>	CSB-E16553m																			
<b>Abbreviation</b>	CIC																			
<b>Target Name</b>	circulating immune complex(CIC)																			
<b>Alias</b>	N/A																			
<b>Product Type</b>	ELISA Kit																			
<b>Immunogen Species</b>	Mus musculus (Mouse)																			
<b>Sample Types</b>	serum, plasma																			
<b>Detection Range</b>	15.6 ng/mL-1000 ng/mL																			
<b>Sensitivity</b>	3.9 ng/mL																			
<b>Assay Time</b>	1-5h																			
<b>Sample Volume</b>	50-100ul																			
<b>Detection Wavelength</b>	450 nm																			
<b>Lead Time</b>	3-5 working days after you place the order, and it takes another 3-5 days for delivery via DHL or FedEx.																			
<b>Research Area</b>	Others																			
<b>Tag Info</b>	quantitative																			
<b>Protein Description</b>	Sandwich																			
<b>Description</b>	This Mouse CIC ELISA Kit was designed for the quantitative measurement of Mouse CIC protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 15.6 ng/mL-1000 ng/mL and the sensitivity is 3.9 ng/mL.																			
<b>Product Precision</b>	<p>Intra-assay Precision (Precision within an assay): CV%&lt;8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%&lt;10%</p> <p>Three samples of known concentration were tested in twenty assays to assess.</p>																			
<b>Linearity</b>	<p>To assess the linearity of the assay, samples were spiked with high concentrations of mouse CIC 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> <tr> <td rowspan="2">1:20</td><td>Average %</td><td>95</td></tr> <tr> <td>Range %</td><td>89-103</td></tr> <tr> <td rowspan="2">1:40</td><td>Average %</td><td>90</td></tr> <tr> <td>Range %</td><td>81-100</td></tr> <tr> <td rowspan="2">1:80</td><td>Average %</td><td>91</td></tr> <tr> <td>Range %</td><td>86-99</td></tr> </table>			Sample	Serum(n=4)	1:20	Average %	95	Range %	89-103	1:40	Average %	90	Range %	81-100	1:80	Average %	91	Range %	86-99
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1:160	Average %	95
	Range %	91-104

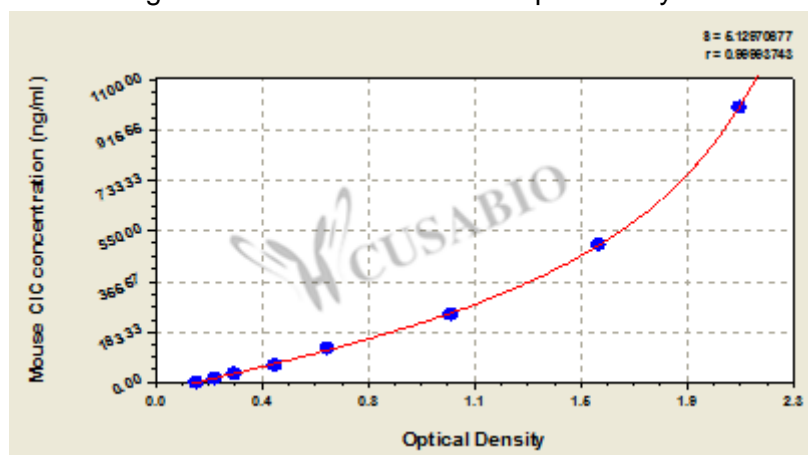
## Recovery

The recovery of mouse CIC 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	89-102
EDTA plasma (n=4)	96	90-104

## 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
1000	2.107	2.053	2.080	1.923
500	1.593	1.575	1.584	1.427
250	1.097	1.023	1.060	0.903
125	0.635	0.611	0.623	0.466
62.5	0.449	0.426	0.438	0.281
31.2	0.302	0.283	0.293	0.136
15.6	0.226	0.217	0.222	0.065
0	0.152	0.162	0.157	

## Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E16553m.pdf","filename":"MSDS"}}}