



Mouse coagulation factor γ_2F_1 ELISA Kit

Product Code	CSB-E17818m
Abbreviation	F11
Target Name	coagulation factor γ_2F_1
Uniprot No.	Q91Y47
Product Type	ELISA Kit
Immunogen Species	Mus musculus (Mouse)
Sample Types	serum, plasma, tissue homogenates
Detection Range	0.47 ng/mL-30 ng/mL
Sensitivity	0.12 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	Blood Coagulation
Gene Names	F11
Tag Info	quantitative
Protein Description	Competitive

Description

This Mouse F11 ELISA Kit was designed for the quantitative measurement of Mouse F11 protein in serum, plasma, tissue homogenates. It is a Competitive ELISA kit, its detection range is 0.47 ng/mL-30 ng/mL and the sensitivity is 0.12 ng/mL.

Product Precision

Intra-assay Precision (Precision within an assay): CV%<8%
 Three samples of known concentration were tested twenty times on one plate to assess.

Inter-assay Precision (Precision between assays): CV%<10%
 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 γ_2F_1 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

γ_2F_1	Sample	Serum(n=4)
1:100	Average %	95
	Range %	90-101



1:200	Average %	87
	Range %	84-90
1:400	Average %	102
	Range %	98-106
1:800	Average %	93
	Range %	89-97

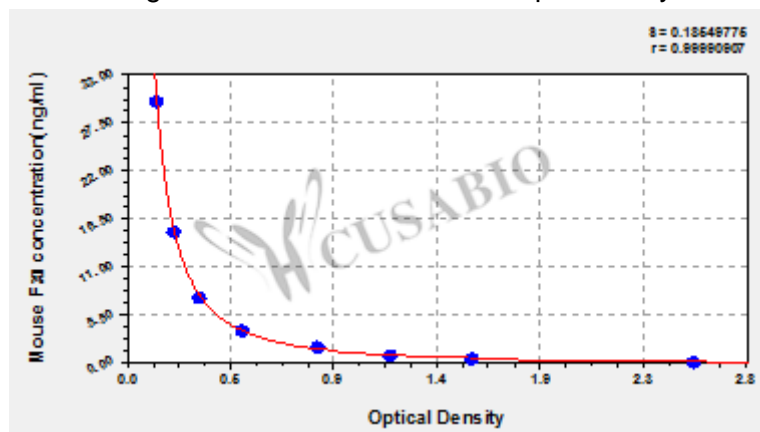
Recovery

The recovery of mouse F₂ 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)	94	90-98
EDTA plasma (n=4)	98	94-103

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
30	0.147	0.139	0.143
15	0.219	0.225	0.222
7.5	0.345	0.326	0.336
3.75	0.513	0.536	0.525
1.875	0.857	0.862	0.860
0.94	1.179	1.198	1.189
0.47	1.538	1.559	1.549
0	2.533	2.542	2.538