



Rat Insulin-like growth factor binding protein 2,IGFBP-2 ELISA kit

Product Code	CSB-E07351r			
Abbreviation	IGFBP2			
Protein Biological Process 1	Growth Factor			
Target Name	insulin-like growth factor binding protein 2, 36kDa			
Uniprot No.	P12843			
Alias	IBP2, IGF-BP53			
Product Type	ELISA Kit			
Immunogen Species	Rattus norvegicus (Rat)			
Protein Biological Process 3	Growth regulation			
Sample Types	serum, plasma, tissue homogenates			
Detection Range	0.625 ng/mL-40 ng/mL			
Sensitivity	0.156 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			
Gene Names	Igfbp2			
Tag Info	quantitative			
Protein Description	Sandwich			
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 rat IGFBP-2 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)		



1:20	Average %	107
	Range %	95-111
1:40	Average %	104
	Range %	95-108
1:80	Average %	90
	Range %	83-94
1:160	Average %	97
	Range %	87-103

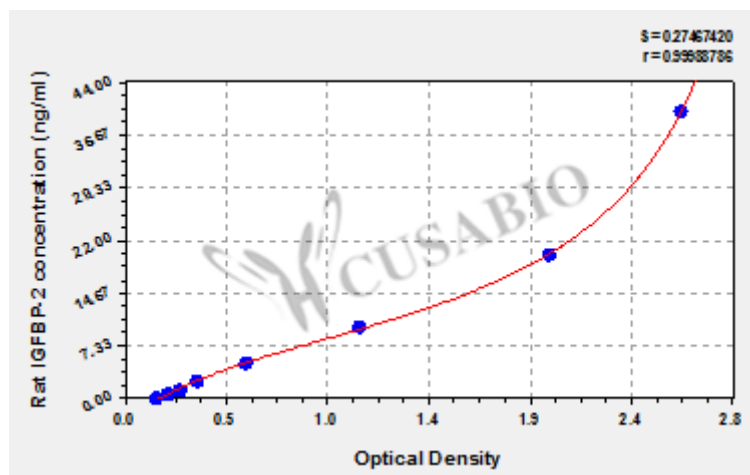
Recovery

The recovery of rat IGFBP-2 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	82-94
EDTA plasma (n=4)	101	90-105

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
40	2.631	2.568	2.600	2.439
20	2.014	1.964	1.989	1.828
10	1.126	1.083	1.105	0.944
5	0.589	0.567	0.578	0.417
2.5	0.347	0.356	0.352	0.191
1.25	0.266	0.277	0.272	0.111
0.625	0.219	0.212	0.216	0.055
0	0.159	0.163	0.161	?

Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E07351r.pdf","filename":"MSDS"}}}