



Human insulin-like growth factor binding protein 5,IGFBP-5 ELISA Kit

Product Code	CSB-E13263h
Abbreviation	IGFBP5
Target Name	insulin-like growth factor binding protein 5
Uniprot No.	P24593
Alias	IBP5,
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma, cell culture supernates
Detection Range	0.156 ng/mL-10 ng/mL
Sensitivity	0.039 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	IGFBP5
Tag Info	quantitative
Protein Description	Sandwich
Description	<p>This Human IGFBP5 ELISA Kit was designed for the quantitative measurement of Human IGFBP5 protein in serum, plasma, cell culture supernates. It is a Sandwich ELISA kit, its detection range is 0.156 ng/mL-10 ng/mL and the sensitivity is 0.039 ng/mL.</p>
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 human IGFBP-5 in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.</p>



	Sample	Serum(n=4)
1:100	Average %	92
	Range %	84-95
1:200	Average %	105
	Range %	97-108
1:400	Average %	94
	Range %	88-97
1:800	Average %	98
	Range %	94-101

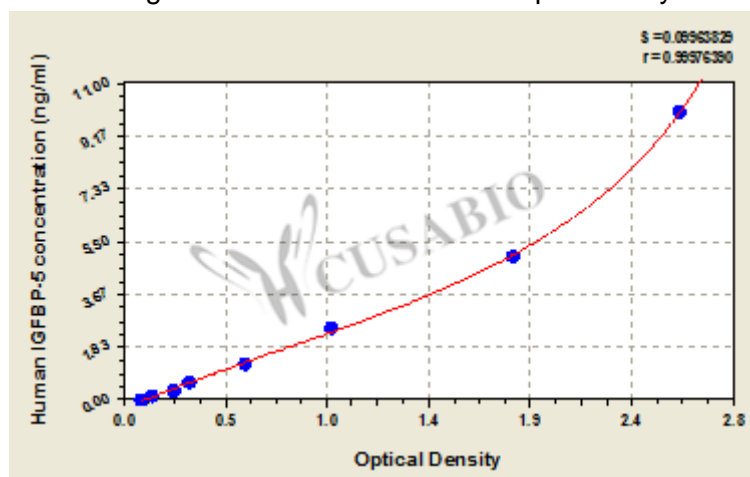
Recovery

The recovery of human IGFBP-5 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)	93	86-97
EDTA plasma (n=4)	93	88-96

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
10	2.613	2.557	2.585	2.493
5	1.804	1.818	1.811	1.719
2.5	0.978	0.966	0.972	0.880
1.25	0.561	0.584	0.573	0.481
0.625	0.324	0.304	0.314	0.222
0.312	0.251	0.234	0.243	0.151
0.156	0.143	0.135	0.139	0.047
0	0.091	0.093	0.092	

Msds

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