



Human alpha-fetoprotein Lens culinaris agglutinin 3,AFP-L3 ELISA Kit

Product Code	CSB-E09058h										
Abbreviation	AFP-L3										
Target Name	alpha-fetoprotein Lens culinaris agglutinin 3,AFP-L3										
Product Type	ELISA Kit										
Immunogen Species	Homo sapiens (Human)										
Sample Types	serum, plasma, tissue homogenates, cell lysates										
Detection Range	0.312 ng/mL-20 ng/mL										
Sensitivity	0.3 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	Cardiovascular										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	This Human AFP-L3 ELISA Kit was designed for the quantitative measurement of Human AFP-L3 protein in serum, plasma, tissue homogenates, cell lysates. It is a Sandwich ELISA kit, its detection range is 0.312 ng/mL-20 ng/mL and the sensitivity is 0.3 ng/mL.										
Product Precision	Intra-assay Precision (Precision within an assay): CV%<10% Three samples of known concentration were tested twenty times on one plate to assess. Inter-assay Precision (Precision between assays): CV%<15% 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 human AFP-L3 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>1:1</td><td>Average %</td><td>84</td></tr> <tr> <td></td><td>Range %</td><td>80-92</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	84		Range %	80-92
?	Sample	Serum(n=4)									
1:1	Average %	84									
	Range %	80-92									



1:2	Average %	97
	Range %	91-105
1:4	Average %	97
	Range %	92-110
1:8	Average %	93
	Range %	86-98

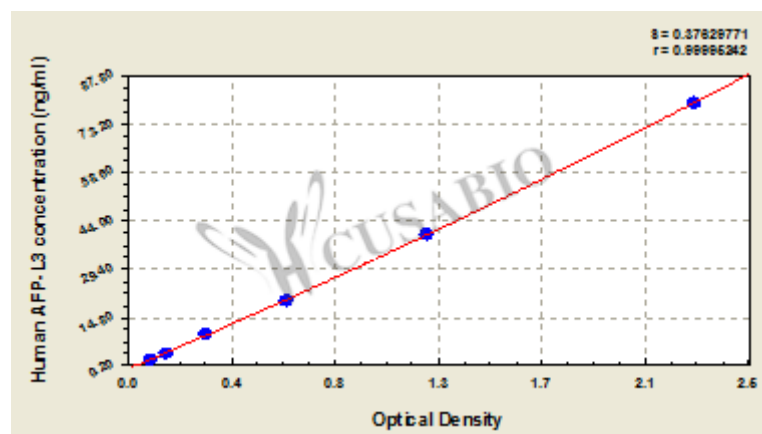
Recovery

The recovery of human AFP-L3 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	89-98
EDTA plasma (n=4)	97	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
80	2.207	2.356	2.282
40	1.205	1.213	1.209
20	0.648	0.639	0.644
10	0.318	0.324	0.321
4	0.160	0.159	0.160
2	0.098	0.095	0.097

Msds

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