



Human β -Thromboglobulin, β -TG ELISA Kit

Product Code	CSB-E07886h																
Abbreviation	β-TG																
Target Name	β-Thromboglobulin,β-TG																
Alias	beta-Thromboglobulin, beta-TG																
Product Type	ELISA Kit																
Immunogen Species	Homo sapiens (Human)																
Sample Types	serum, plasma, tissue homogenates																
Detection Range	0.78 ng/mL-50 ng/mL																
Sensitivity	0.195 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	Others																
Tag Info	quantitative																
Protein Description	Sandwich																
Description	This Human β-TG ELISA Kit was designed for the quantitative measurement of Human β-TG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.78 ng/mL-50 ng/mL and the sensitivity is 0.195 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 human β-TG 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></td><td>Average %</td><td>92</td></tr><tr><td>1:1</td><td>Range %</td><td>88-97</td></tr><tr><td></td><td>Average %</td><td>90</td></tr><tr><td>1:2</td><td>Range %</td><td>85-95</td></tr></table>		?	Sample	Serum(n=4)		Average %	92	1:1	Range %	88-97		Average %	90	1:2	Range %	85-95
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	Average %	92															
1:1	Range %	88-97															
	Average %	90															
1:2	Range %	85-95															



1:4	Average %	103
	Range %	97-109
1:8	Average %	84
	Range %	80-89

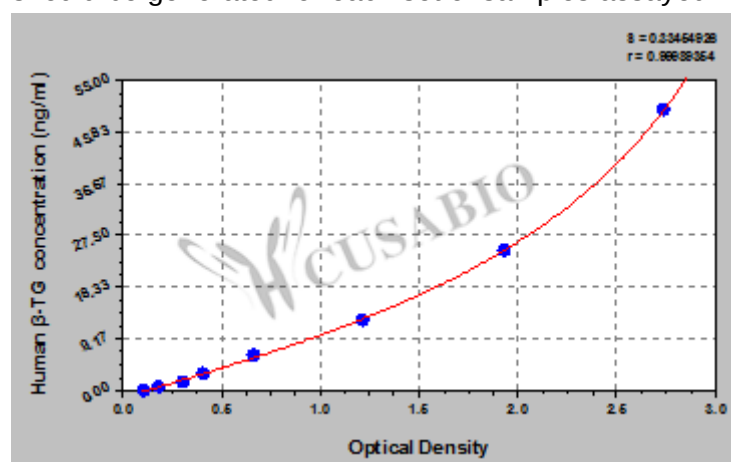
Recovery

The recovery of human β -TG 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)	97	92-101
EDTA plasma (n=4)	95	90-99

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
50	2.742	2.821	2.782	2.663
25	1.906	2.015	1.961	1.842
12.5	1.203	1.274	1.239	1.120
6.25	0.657	0.703	0.680	0.561
3.12	0.435	0.404	0.420	0.301
1.56	0.325	0.319	0.322	0.203
0.78	0.205	0.191	0.198	0.079
0	0.122	0.115	0.119	?

Msds

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