Pig β-Thromboglobulin (β-TG) ELISA Kit

Product Code	CSB-E15776p
Abbreviation	β-TG
Target Name	β-Thromboglobulin (β-TG)
Alias	beta-Thromboglobulin, beta-TG
Product Type	ELISA Kit
Immunogen Species	Sus scrofa (Pig)
Sample Types	serum, plasma, tissue homogenates
Detection Range	3.12 ng/mL-200 ng/mL
Sensitivity	0.78 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 Pig β-TG ELISA Kit was designed for the quantitative measurement of Pig β-TG protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 3.12 ng/mL-200 ng/mL and the sensitivity is 0.78 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 pig β-TG in various matrices and diluted with the Sample Diluent to produce samples with values within the dynamic range of the assay.

?	Sample	Serum(n=4)
1:1	Average %	89
	Range %	84-93
1:2	Average %	104
	Range %	100-108

1:4	Average %	96
	Range %	91-100
1:8	Average %	87
	Range %	82-91

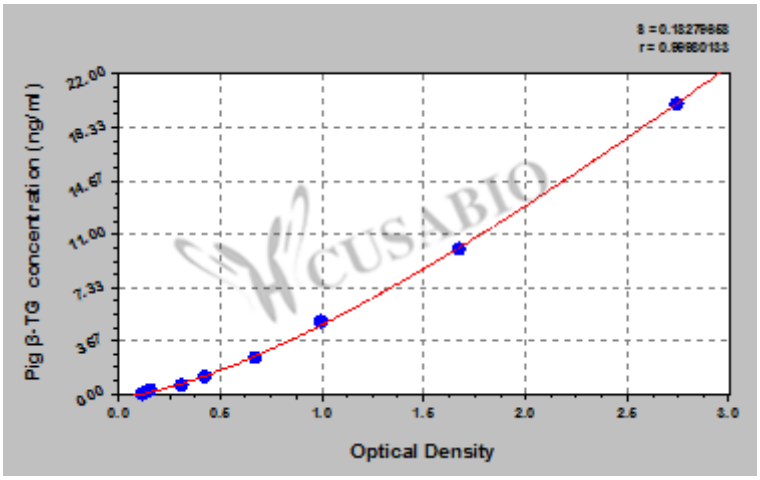
Recovery

The recovery of pig 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)	90	85-94
EDTA plasma (n=4)	95	91-99

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
20	2.783	2.648	2.716	2.584
10	1.622	1.705	1.664	1.532
5	0.996	0.992	0.994	0.862
2.5	0.677	0.681	0.679	0.547
1.25	0.428	0.443	0.436	0.304
0.625	0.314	0.326	0.320	0.188
0.312	0.172	0.169	0.171	0.039
0	0.135	0.128	0.132	?

Msds

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