



Rabbit Thyroid Stimulating Hormone, TSH ELISA Kit

Product Code	CSB-E06916Rb										
Abbreviation	TSH										
Target Name	Thyroid Stimulating Hormone, TSH										
Product Type	ELISA Kit										
Immunogen Species	Oryctolagus cuniculus (Rabbit)										
Sample Types	serum, plasma, tissue homogenates										
Detection Range	0.5 μ IU/mL-20 μ IU/mL										
Sensitivity	0.25 μ IU/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	TSHB										
Tag Info	quantitative										
Protein Description	Sandwich										
Description	<p>This Rabbit TSH ELISA Kit was designed for the quantitative measurement of Rabbit TSH protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.5 μIU/mL-20 μIU/mL and the sensitivity is 0.25 μIU/mL .</p>										
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<15% Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<15% 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 rabbit TSH 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> <tr> <td>1:1</td><td>Average %</td><td>98</td></tr> <tr> <td></td><td>Range %</td><td>92-104</td></tr> </table>		?	Sample	Serum(n=4)	1:1	Average %	98		Range %	92-104
?	Sample	Serum(n=4)									
1:1	Average %	98									
	Range %	92-104									



1:2	Average %	84
	Range %	80-88
1:4	Average %	94
	Range %	90-98
1:8	Average %	92
	Range %	87-96

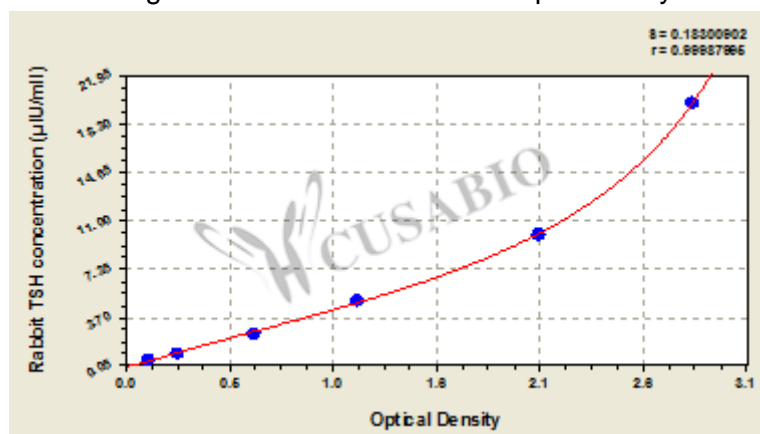
Recovery

The recovery of rabbit TSH 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)	96	90-100

Typical

These standard curves are provided for demonstration only. A standard curve should be generated for each set of samples assayed.



μIU/ml	OD1	OD2	Average
20	2.831	2.836	2.834
10	2.052	2.079	2.066
5	1.178	1.143	1.161
2.5	0.659	0.639	0.649
1	0.260	0.269	0.265
0.5	0.124	0.124	0.124

Msds

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