



Human Thy-1 membrane glycoprotein(THY1) ELISA kit

Product Code	CSB-EL023525HU		
Abbreviation	THY1		
Target Name	Thy-1 cell surface antigen		
Uniprot No.	P04216		
Alias	CD90, FLJ33325, Thy-1 T-cell antigen Thy-1 membrane glycoprotein		
Product Type	ELISA Kit		
Immunogen Species	Homo sapiens (Human)		
Sample Types	serum, plasma, tissue homogenates		
Detection Range	0.625 ng/mL-40 ng/mL		
Sensitivity	0.156 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	Immunology		
Gene Names	THY1		
Tag Info	quantitative		
Protein Description	Sandwich		
Description	This Human THY1 ELISA Kit was designed for the quantitative measurement of Human THY1 protein in serum, plasma, tissue homogenates. It is a Sandwich ELISA kit, its detection range is 0.625 ng/mL-40 ng/mL and the sensitivity is 0.156 ng/mL.		
Product Precision	<p>Intra-assay Precision (Precision within an assay): CV%<8%</p> <p>Three samples of known concentration were tested twenty times on one plate to assess.</p> <p>Inter-assay Precision (Precision between assays): CV%<10%</p> <p>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 THY1 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>Sample</td><td>Serum(n=4)</td></tr> </table>	Sample	Serum(n=4)
Sample	Serum(n=4)		



1:20	Average %	91
	Range %	86-95
1:40	Average %	85
	Range %	81-89
1:80	Average %	84
	Range %	80-88
1:160	Average %	96
	Range %	93-99

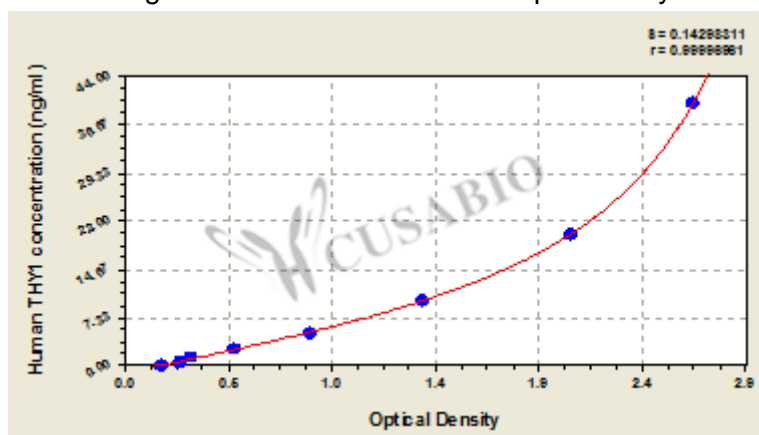
Recovery

The recovery of human THY1 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)	85	81-89
EDTA plasma (n=4)	92	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
40	2.608	2.658	2.633	2.449
20	2.003	2.130	2.067	1.883
10	1.396	1.375	1.386	1.202
5	0.872	0.868	0.870	0.686
2.5	0.505	0.536	0.521	0.337
1.25	0.312	0.332	0.322	0.138
0.625	0.261	0.278	0.270	0.086
0	0.181	0.186	0.184	

Msds

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