



Human P53 antibody ELISA Kit

Product Code	CSB-E13816h
Abbreviation	P53 Ab
Target Name	P53 antibody
Product Type	ELISA Kit
Immunogen Species	Homo sapiens (Human)
Sample Types	serum, plasma
Detection Range	1.56 ng/mL-100 ng/mL
Sensitivity	0.39 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	Cancer
Tag Info	quantitative
Protein Description	Sandwich

Description

This Human P53 Ab ELISA Kit was designed for the quantitative measurement of Human P53 Ab protein in serum, plasma. It is a Sandwich ELISA kit, its detection range is 1.56 ng/mL-100 ng/mL and the sensitivity is 0.39 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 P53 antibody 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)
	Average %	92
1:1	Range %	85-105
	Average %	94
1:2	Range %	84-99
	Average %	99
1:4	Range %	90-101



1:8	Average %	92
	Range %	82-105

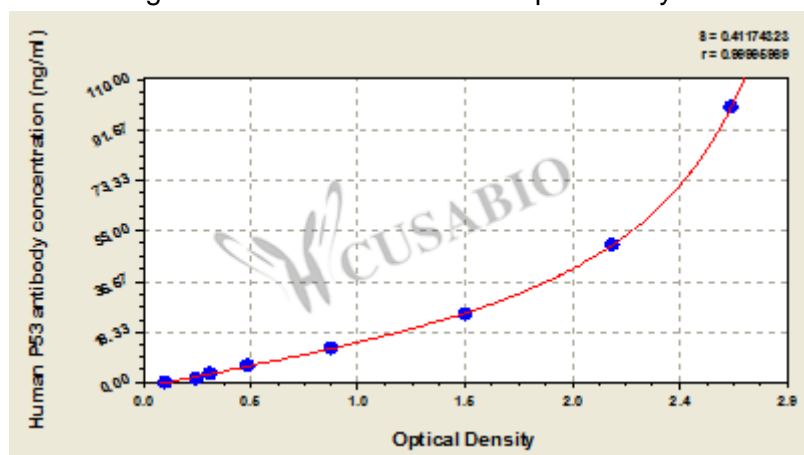
Recovery

The recovery of human P53 antibody 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)	89	83-96
EDTA plasma (n=4)	94	87-103

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
100	2.689	2.662	2.676	2.570
50	2.131	2.139	2.135	2.029
25	1.467	1.479	1.473	1.367
12.5	0.842	0.884	0.863	0.757
6.25	0.479	0.487	0.483	0.377
3.12	0.316	0.304	0.310	0.204
1.56	0.247	0.254	0.251	0.145
0	0.107	0.105	0.106	?

Msds

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