



# Human S100 calcium-binding protein A8/A9 complex(S100A8/A9)Elisa kit

Product Code	CSB-E12149h											
Abbreviation	S100A8/A9											
Target Name	S100 calcium-binding protein A8/A9 complex(S100A8/A9)Elisa kit											
Alias	N/A											
Product Type	ELISA Kit											
Immunogen Species	Homo sapiens (Human)											
Sample Types	serum, plasma, tissue homogenates											
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	Others											
Tag Info	quantitative											
Protein Description	Sandwich											
Description	This Human S100A8/A9 ELISA Kit was designed for the quantitative measurement of Human S100A8/A9 protein in serum, plasma, tissue homogenates. 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 S100A8/A9 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>1:1</td><td>Average %</td><td>87</td></tr><tr><td></td><td>Range %</td><td>80-92</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	87		Range %	80-92
?	Sample	Serum(n=4)										
1:1	Average %	87										
	Range %	80-92										



1:2	Average %	95
	Range %	91-98
1:4	Average %	92
	Range %	87-98
1:8	Average %	95
	Range %	90-103

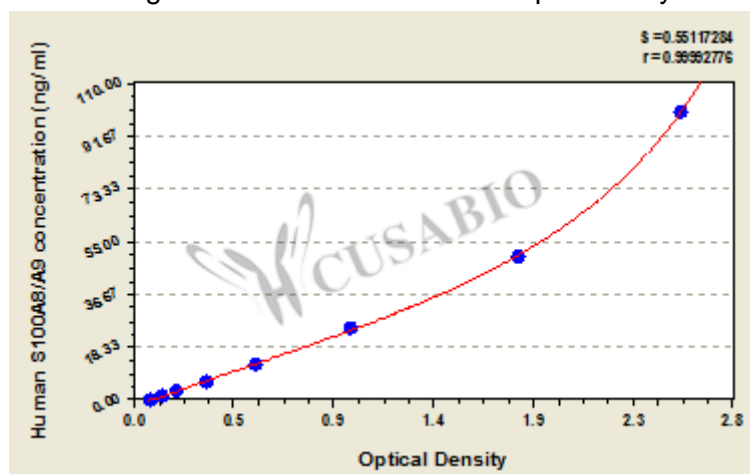
## Recovery

The recovery of human S100A8/A9 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	85-96

## 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
100	2.545	2.541	2.543	2.461
50	1.850	1.726	1.788	1.706
25	1.021	1.001	1.011	0.929
12.5	0.583	0.567	0.575	0.493
6.25	0.357	0.334	0.346	0.264
3.12	0.205	0.198	0.202	0.120
1.56	0.139	0.133	0.136	0.054
0	0.085	0.079	0.082	?

## Msds

{"0":{"fileurl":"https://www.cusabio.com/uploadfile/msds/MSDS CSB-E12149h.pdf","filename":"MSDS"}}