



Human Interleukin17B (IL17B) ELISA Kit

Product Code	CSB-E15918h																									
Abbreviation	IL17B																									
Uniprot No.	Q9UHF5																									
Product Type	ELISA Kit																									
Immunogen Species	Homo sapiens (Human)																									
Sample Types	serum, plasma, tissue homogenates																									
Detection Range	31.25 pg/ml-2000 pg/ml.																									
Sensitivity	7.8 pg/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	IL17B																									
Tag Info	quantitative																									
Protein Description	Sandwich																									
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 IL17B 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 rowspan="2">1:1</td><td>Average %</td><td>106</td></tr><tr><td>Range %</td><td>103-109</td></tr><tr><td rowspan="2">1:2</td><td>Average %</td><td>93</td></tr><tr><td>Range %</td><td>92-98</td></tr><tr><td rowspan="2">1:4</td><td>Average %</td><td>92</td></tr><tr><td>Range %</td><td>86-96</td></tr><tr><td rowspan="2">1:8</td><td>Average %</td><td>94</td></tr><tr><td>Range %</td><td>89-97</td></tr></table>			?	Sample	Serum(n=4)	1:1	Average %	106	Range %	103-109	1:2	Average %	93	Range %	92-98	1:4	Average %	92	Range %	86-96	1:8	Average %	94	Range %	89-97
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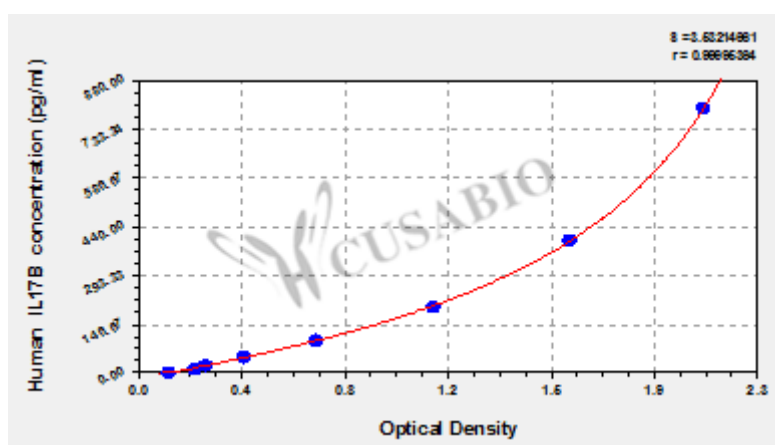
Recovery

The recovery of human IL17B 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)	103	99-109
EDTA plasma (n=4)	92	87-97

Typical

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



pg/ml	OD1	OD2	Average	Corrected
800	2.066	2.122	2.094	1.974
400	1.574	1.625	1.600	1.480
200	1.082	1.113	1.098	0.978
100	0.643	0.687	0.665	0.545
50	0.391	0.406	0.399	0.279
25	0.256	0.255	0.256	0.136
12.5	0.211	0.221	0.216	0.096
0	0.119	0.121	0.120	?

Msds

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