CD81 Sandwich ELISA Kit

Cat. No. GTX545081

Applications	ELISA, Sandwich ELISA
Reactivity	Human, Mouse

Package
96 test

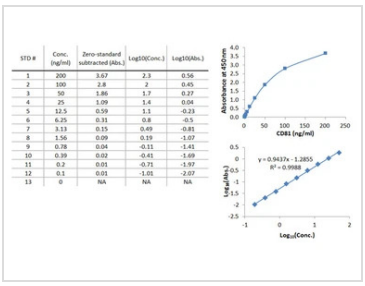
Properties

Preservative	0.05% ProClin 300
Storage	The entire kit can be stored at 2-8ºC for up to 6 months.
Conjugation	Horseradish peroxidase(HRP)
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.

DATA IMAGES



GTX545081 ELISA Image



GTX545081 ELISA Image

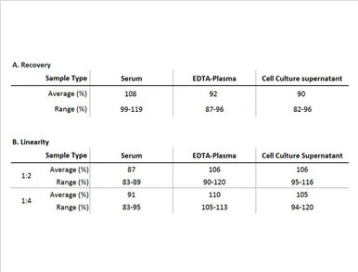
ELISA analysis of human CD81 (ECD) protein using CD81 Sandwich ELISA Kit (GTX545081).

For full product information, images and publications, please visit our website.

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A. Recovery

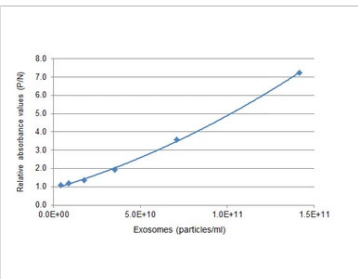
Sample Type	Serum	EDTA-Plasma	Cell Culture supernatant
Average (%)	108	92	90
Range (%)	99-119	87-96	82-96

B. Linearity

Sample Type		Serum	EDTA-Plasma	Cell Culture Supernatant
1:2	Average (%)	87	106	106
	Range (%)	83-89	90-120	95-116
1:4	Average (%)	91	110	105
	Range (%)	83-95	105-113	94-120

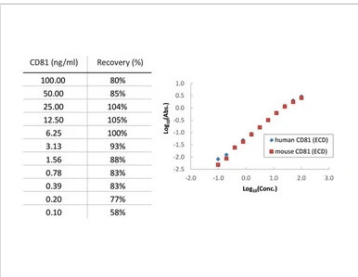
GTX545081 ELISA Image

A. Recovery assay was determined by spiking CD81 ECD proteins at various levels throughout the assay range in the listed samples. B. To determine linearity, the listed samples were spiked with CD81 ECD proteins and diluted with Assay Diluent in 1:2 and 1:4. The value was assessed by comparing it to undiluted samples.



GTX545081 ELISA Image

Commercially available lyophilized exosomes were reconstituted and analyzed using CD81 Sandwich ELISA Kit (GTX545081). Results are expressed as relative absorbance values (P/N), where P represents sample absorbance and N represents dilution buffer background absorbance.



CD81 (ng/ml)	Recovery (%)
100.00	80%
50.00	85%
25.00	104%
12.50	105%
6.25	100%
3.13	93%
1.56	88%
0.78	83%
0.39	83%
0.20	77%
0.10	58%

GTX545081 ELISA Image

Reactivity of recombinant mouse CD81 (ECD) was evaluated at concentrations equivalent to the human CD81 standards using the CD81 Sandwich ELISA Kit (GTX545081). CD81 concentrations were determined using the human CD81 standard curve, and recovery (%) was calculated as measured concentration / spiked concentration × 100.

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