CA19-9 ELISA kit

Cat. No. GTX540620

Applications	ELISA, Sandwich ELISA
Reactivity	Species independent

Package
96 test

PRODUCT

Summary

The GeneTex CA19-9 ELISA Kit is an in vitro assay tool for the quantitative measurement of CA19-9, with the lowest detectable concentration being 0.26 U/ml. Unlike the widely used CA19-9 antibody, this kit utilizes a Neu5Ac-specific antibody, GTX635389, that selectively targets CA19-9 without cross-reacting with CA19-9 analogs where Neu5Ac is replaced by Neu5Gc.

Applications

Application Note

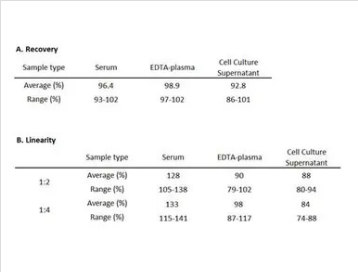
The suitable sample types include cell culture supernatant, plasma and serum. The suggested sample loading amount is 50 µl per well. Please see the protocol for detailed procedure.

Assay range : Please refer to the protocol.

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 In vitro laboratory use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

DATA IMAGES



A. Recovery

Sample type	Serum	EDTA-plasma	Cell Culture Supernatant
Average (%)	96.4	98.9	92.8
Range (%)	93-102	97-102	86-101

B. Linearity

	Sample type	Serum	EDTA-plasma	Cell Culture Supernatant
1:2	Average (%)	128	90	88
	Range (%)	105-138	79-102	80-94
1:4	Average (%)	133	98	84
	Range (%)	115-141	87-117	74-88

GTX540620 ELISA Image

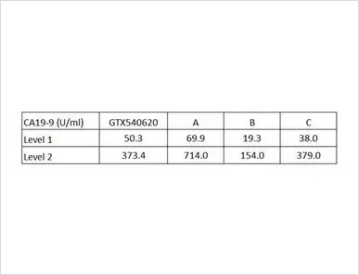
A. Recovery assay was determined by spiking human CA19-9 at three levels throughout the assay range in the listed samples. B. To determine linearity, the listed samples were spiked with high level human CA19-9 and diluted with Sample Diluent CA1 in 1:2 and 1:4. The value was assessed by comparing it to undiluted samples.

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

GeneTex, Inc. (North America)
1-877-436-3839 (Toll-free) 1-949-309-2888 sales@genetex.com

GeneTex International Corporation (Global)
886-3-6208988 886-3-6208989 infoasia@genetex.com

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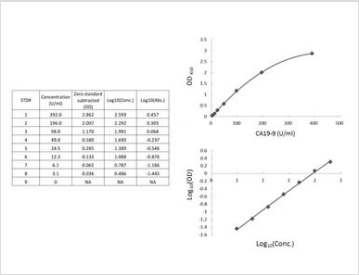
CA19-9 (U/ml)	GTX540620	A	B	C
Level 1	50.3	69.9	19.3	38.0
Level 2	373.4	714.0	154.0	379.0

GTX540620 ELISA Image

Sandwich ELISA detection of tumor marker controls using CA19-9 ELISA kit (GTX540620). A, B, and C represent data tested using three different commercially available IVD products.



GTX540620 ELISA Image



GTX540620 ELISA Image

Typical standard curves of CA19-9 ELISA kit (GTX540620).

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