

Measurement example of LRG in serum/plasma samples.

Dilution of serum or plasma sample

5ul of serum/plasma

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Add to 245ul of Dilution buffer (50 x dilution)

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5ul of diluted serum/plasma

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Add to 495ul of Dilution buffer (100x dilution)

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5000x diluted serum/plasma

	Serum LRG (ng/mL)	Plasma LRG (ng/mL)
No.31	49600	39520
No.32	140264	127728
No.33	61808	60032
No.34	27848	25128
No.35	49368	43560
No.36	25216	25128
No.37	90056	69504
No.38	54160	36880
No.39	68232	52440
No.40	21288	20208
No.49	37344	40488
No.50	36880	50936

Between-run reproducibility.

Sample	Sample No.	Day1	Day2	Day3	Day4	Day5	Average (ng/mL)	SD	CV(%)
Serum	31	47385	55545	58330	48760	47720	51548	5043.03	9.8
	32	71015	74505	77950	66100	65225	70959	5430.01	7.7
	33	40740	47285	47710	43015	36585	43067	4657.87	10.8
Plasma	31	49580	53200	54210	46705	39055	48550	6088.47	12.5
	32	55490	67685	66790	59850	55020	60967	6034.30	9.9
	33	39825	48885	47910	45095	40140	44371	4242.42	9.6

Serum/plasma samples were x5000 diluted.