Additional file 2 - Raw data for Experiment 2
The table shows the raw data from the ten mice (n = 10) in Experiment 2. Shown are the mean concentrations in pg/ml (Mean), the coefficient of variation (%CV) and the standard error of the mean (SEM) for each of the 23 cytokines measured in the types of samples: serum (Serum), EDTA-plasma (EDTA) and the heparin-coated tubes that were either non-spiked ("Hep"), spiked with1 µl ("Hep1") or 10 µl ("Hep10") of 5,000 IU/ml heparin in Experiment 2. OOR> states out of range above the standard curve.

Cytokine		Serum	Hep	Hep1	Hep10	EDTA
IL-1α	**Mean**	80.5×10^2	80.4×10^2	56.4×10^2	91.1×10^2	91.0×10^3
	%CV	11.6	5.75	5.85	27.5	9.76
	SEM	782	11.9×10^2	13.8×10^2	946	23.7×10^2
IL-1β	**Mean**	60.9×10^3	66.7×10^3	98.4×10^3	48.7×10^3	87.5×10^3
	%CV	3.54	2.49	4.00	3.91	11.7
	SEM	15.2×10^2	42.1×10^3	25.7×10^3	46.2×10^2	20.4×10^3
IL-2	**Mean**	42.0×10^3	40.3×10^3	52.1×10^3	45.8×10^3	49.8×10^3
	%CV	8.17	4.16	4.05	2.10	9.61
	SEM	49.3×10^2	62.8×10^2	14.0×10^3	41.0×10^2	11.7×10^3
IL-3	**Mean**	90.0×10^2	97.8×10^2	15.3×10^3	13.9×10^3	19.6×10^3
	%CV	7.11	5.07	7.07	1.92	6.09
	SEM	13.7×10^2	17.3×10^2	46.1×10^2	13.0×10^3	11.0×10^2
IL-4	**Mean**	OOR>	OOR>	OOR>	OOR>	OOR>
	%CV	-	-	-	-	-
	SEM	-	-	-	-	-
IL-5	**Mean**	OOR>	OOR>	OOR>	OOR>	OOR>
	%CV	-	-	-	-	-
	SEM	-	-	-	-	-
IL-6	**Mean**	68.6×10^2	74.5×10^2	12.7×10^3	81.6×10^2	96.1×10^2
	%CV	2.40	2.59	4.29	2.71	9.33
	SEM	299	717	29.4×10^2	456	16.1×10^2
IL-9	**Mean**	74.9×10^2	38.9×10^2	53.6×10^2	21.0×10^2	36.7×10^2
	%CV	5.82	25.7	13.3	22.6	29.8
	SEM	11.4×10^2	856	28.5×10^3	110	869
IL-10	**Mean**	72.5×10^2	52.1×10^2	77.7×10^2	36.2×10^2	14.9×10^3
	%CV	7.31	4.57	8.05	3.16	8.15
	SEM	410	278	21.4×10^2	395	26.1×10^2
IL-12p40	**Mean**	12.5×10^3	38.2×10^2	52.1×10^2	30.9×10^2	16.0×10^3
	%CV	7.55	6.10	6.28	5.65	4.67
	SEM	812	193	14.3×10^2	342	28.1×10^2
IL-12p70	**Mean**	18.6×10^3	11.8×10^3	13.6×10^3	57.6×10^2	27.4×10^3
	%CV	9.45	17.3	11.8	10.5	2.15
	SEM	13.6×10^2	11.8×10^2	32.8×10^2	682	47.2×10^2
IL-13	**Mean**	16.7×10^3	18.2×10^3	30.9×10^3	16.8×10^3	29.5×10^3
	%CV	8.85	5.25	7.28	3.70	10.5
	SEM	361	14.1×10^2	85.3×10^2	16.2×10^2	56.3×10^2
IL-17A	**Mean**	18.2×10^3	10.7×10^3	16.8×10^3	93.5×10^2	45.9×10^3
	%CV	5.05	2.42	9.51	2.06	8.19
	SEM	37.3×10^2	13.4×10^2	46.9×10^2	640	76.0×10^2
Eotaxin	**Mean**	17.8×10^3	80.6×10^2	12.5×10^3	32.5×10^2	16.5×10^3

	%CV	9.93	10.9	18.8	22.9	15.7
	SEM	23.1×10^2	14.9×10^2	43.3×10^2	552	28.9×10^2
G-CSF	**Mean**	13.2×10^3	18.7×10^3	32.3×10^3	20.4×10^3	24.5×10^3
	%CV	3.01	2.54	3.01	2.25	8.77
	SEM	682	11.1×10^2	92.5×10^2	15.8×10^2	54.1×10^2
GM-CSF	**Mean**	OOR>	OOR>	OOR>	OOR>	OOR>
	%CV	-	-	-	-	-
	SEM	-	-	-	-	-
IFN-γ	**Mean**	11.0×10^3	13.3×10^3	21.2×10^3	14.1×10^3	20.9×10^3
	%CV	2.13	3.26	3.22	2.05	8.26
	SEM	640	898	64.3×10^2	737	46.7×10^2
KC	**Mean**	28.9×10^3	730	605	202	30.4×10^3
	%CV	1.00	7.51	8.16	7.39	9.29
	SEM	26.2×10^2	124	92.4	15.3	53.9×10^2
MCP-1	**Mean**	60.1×10^2	23.5×10^2	28.3×10^2	11.3×10^2	76.2×10^2
	%CV	5.28	9.19	10.7	5.25	7.64
	SEM	244	154	692	108	12.7×10^2
MIP-1α	**Mean**	13.3×10^3	10.8×10^3	11.3×10^3	99.8×10^2	18.8×10^3
	%CV	8.21	3.71	13.9	0.99	10.5
	SEM	13.9×10^2	14.7×10^2	36.3×10^2	672	32.5×10^2
MIP-1β	**Mean**	10.7×10^3	38.5×10^2	53.2×10^2	20.9×10^2	18.0×10^3
	%CV	12.2	4.76	10.6	5.11	10.3
	SEM	17.7×10^2	281.5	15.3×10^2	193	29.5×10^2
RANTES	**Mean**	872	451	498	200	18.8×10^2
	%CV	9.38	12.7	11.8	4.91	9.51
	SEM	131	56.4	117.2	11.7	377.8
TNF-α	**Mean**	19.8×10^3	18.4×10^3	24.2×10^3	18.0×10^3	30.7×10^3
	%CV	7.71	5.60	5.71	4.60	7.17
	SEM	27.1×10^3	21.3×10^2	66.1×10^2	16.0×10^2	60.9×10^2