

Rodent MAP 4.0 Rat

Name			LDD		LLOQ		Precision			Linearity						Freeze-Thaw		Bench-Top	
			Neat	Serum	Neat	Serum	Level	Intra-	Inter-	Ser 1	Ser 2	Ser 3	Plas 1	Plas 2	Plas 3	Serum	Plasma	Serum	Plasma
Panel 1	Eotaxin	pg/mL	2.8	14	9.6	48	1	11%	17%	90%	95%	103%	103%	101%	104%	Pass	Pass	Pass	Pass
							2	2%	6%										
							3	2%	7%										
	IL-12 p70	pg/mL	14	70	32	162	1	10%	14%	109%	89%	113%	100%	106%	100%	Pass	Pass	Pass	Pass
							2	4%	15%										
							3	3%	7%										
	IL-18	pg/mL	18	91	20	102	1	9%	13%	<LLOQ	115%	117%	97%	94%	119%	Pass	Pass	Pass	Pass
							2	5%	9%										
							3	4%	8%										
	IL-5	pg/mL	0.80	4.0	2.4	12	1	9%	14%	100%	117%	112%	114%	86%	103%	Pass	Pass	Pass	Pass
							2	2%	14%										
							3	3%	6%										
	Insulin	mIU/mL	1.1	5.5	6.8	34	1	7%	8%	117%	114%	119%	113%	105%	108%	Pass	Pass	Pass	Pass
							2	4%	5%										
							3	5%	7%										
	IP-10	pg/mL	1.4	6.9	4.8	24	1	6%	15%	106%	99%	113%	121%	90%	119%	Pass	Pass	Fails 4hr RT	Pass
							2	4%	10%										
							3	4%	12%										
	MCP-1	pg/mL	16	81	11	55	1	6%	11%	99%	88%	128%	110%	98%	117%	Pass	Pass	Pass	Pass
							2	3%	10%										
							3	5%	8%										
	MDC	pg/mL	0.24	1.2	1.7	8.4	1	9%	10%	113%	97%	130%	118%	100%	116%	Pass	Pass	Pass	Pass
							2	3%	8%										
							3	2%	7%										
	MIP-1β	pg/mL	0.30	1.5	1.2	5.9	1	7%	7%	114%	106%	129%	106%	103%	117%	Pass	Pass	Pass	Pass
							2	2%	5%										
							3	3%	8%										
	SCF	pg/mL	1.6	8.1	2.6	13	1	9%	9%	101%	92%	115%	120%	93%	111%	Pass	Pass	Pass	Pass
							2	1%	7%										
							3	4%	8%										



Name			LDD		LLOQ		Precision			Linearity						Freeze-Thaw		Bench-Top	
			Neat	Serum	Neat	Serum	Level	Intra-	Inter-	Ser 1	Ser 2	Ser 3	Plas 1	Plas 2	Plas 3	Serum	Plasma	Serum	Plasma
	VEGF	pg/mL	0.46	2.3	1.4	7.2	1	6%	7%	104%	102%	120%	124%	101%	109%	Pass	Pass	Pass	Pass
							2	3%	9%										
							3	4%	9%										
Panel 2b	IL-1α	pg/mL	3.0	15	4.8	24	1	15%	17%	112%	91%	115%	101%	122%	126%	Pass	Pass	Pass	Pass
							2	2%	9%										
							3	3%	3%										
	IL-10	pg/mL	1.7	8.6	4.0	20	1	8%	10%	113%	124%	130%	113%	109%	122%	Pass	Pass	Pass	Pass
							2	0%	8%										
							3	3%	3%										
	IL-4	pg/mL	0.57	2.9	0.58	2.9	1	8%	10%	103%	105%	110%	97%	107%	103%	Pass	Pass	Pass	Pass
							2	1%	3%										
							3	8%	6%										
	IL-6	pg/mL	2.6	13	8.4	42	1	4%	6%	95%	95%	113%	109%	104%	118%	Pass	Pass	Pass	Pass
							2	3%	5%										
							3	3%	6%										
TNFα	pg/mL	2.8	14	2.8	14	1	6%	9%	120%	99%	129%	121%	109%	101%	Pass	Pass	Fails 4hr RT	Fails 4hr RT	
						2	2%	4%											
						3	2%	9%											
Panel 2c	CRP	ug/mL	23	0.23	34	0.034	1	5%	11%	86%	107%	112%	90%	112%	115%	Pass	Pass	Pass	Pass
							2	6%	14%										
							3	5%	14%										
Panel 3	GM-CSF	pg/mL	0.14	0.68	0.24	1.2	1	5%	36%	80%	113%	114%	91%	97%	116%	Pass	Pass	Pass	Pass
							2	3%	8%										
							3	2%	7%										
	IFNβ	pg/mL	18	88	18	90	1	23%	52%	120%	111%	113%	105%	91%	105%	Pass	Pass	Pass	Pass
							2	2%	8%										
							3	3%	9%										



Rodent MAP 4.0 Rat

Name			LDD		LLOQ		Precision			Linearity						Freeze-Thaw		Bench-Top	
			Neat	Serum	Neat	Serum	Level	Intra-	Inter-	Ser 1	Ser 2	Ser 3	Plas 1	Plas 2	Plas 3	Serum	Plasma	Serum	Plasma
Panel 4	IL-17A	pg/mL	1.6	8.2	2.9	15	1	5%	39%	126%	126%	130%	98%	106%	109%	Pass	Pass	Pass	Pass
							2	3%	8%										
							3	2%	6%										
	IL-28	pg/mL	0.45	2.3	1.2	6.0	1	2%	34%	98%	99%	89%	80%	86%	103%	Pass	Pass	Pass	Pass
							2	3%	6%										
							3	2%	5%										
	IL-9	pg/mL	18	91	33	164	1	3%	41%	101%	116%	110%	100%	93%	113%	Pass	Pass	Pass	Pass
							2	3%	8%										
							3	3%	7%										
	TSLP	pg/mL	0.46	2.3	1.3	6.5	1	9%	19%	122%	111%	128%	123%	100%	129%	Pass	Pass	Pass	Pass
							2	2%	6%										
							3	3%	3%										
MCSF	ng/mL	0.00091	0.0046	0.0013	0.0064	1	6%	11%	109%	92%	116%	129%	123%	117%	Pass	Pass	Pass	Pass	
						2	4%	6%											
						3	2%	4%											
MIMP-9	ng/mL	0.014	0.069	0.014	0.069	1	6%	14%	106%	116%	87%	105%	99%	79%	Pass	Pass	Pass	Pass	
						2	3%	9%											
						3	2%	5%											
PAI-1	ng/mL	0.0034	0.017	0.0034	0.017	1	5%	12%	101%	102%	91%	84%	83%	84%	Pass	Pass	Pass	Pass	
						2	4%	6%											
						3	1%	5%											
SAP	ng/mL	1.7	8.3	1.6	8.1	1	7%	14%	75%	92%	100%	116%	77%	138%	Pass	Pass	Pass	Pass	
						2	4%	9%											
						3	2%	13%											



Name			LDD		LLOQ		Precision			Linearity						Freeze-Thaw		Bench-Top	
			Neat	Serum	Neat	Serum	Level	Intra-	Inter-	Ser 1	Ser 2	Ser 3	Plas 1	Plas 2	Plas 3	Serum	Plasma	Serum	Plasma
Panel 5	IFN γ	pg/mL	3.4	17	4.2	21	1	3%	9%	140%	130%	131%	123%	129%	135%	Pass	Pass	Pass	Pass
							2	2%	9%										
							3	4%	10%										
	IL-1 β	pg/mL	35	176	53	265	1	7%	15%	114%	130%	107%	100%	108%	105%	Pass	Pass	Pass	Pass
							2	4%	12%										
							3	3%	6%										
	IL-2	pg/mL	0.48	2.4	3.0	15	1	5%	10%	116%	122%	119%	130%	119%	128%	Pass	Pass	Pass	Pass
							2	3%	8%										
							3	2%	5%										
	KC/ GRO	pg/mL	0.34	1.7	2.2	11	1	2%	12%	85%	87%	93%	113%	97%	109%	Pass	Pass	Pass	Pass
							2	3%	10%										
							3	2%	8%										
	TPO	ng/mL	0.088	0.44	0.38	1.9	1	9%	13%	104%	105%	108%	111%	130%	87%	Pass	Pass	Pass	Pass
							2	2%	7%										
							3	2%	9%										

