

Supporting Table 1. Suppression assay cytokine levels

Cytokine		Treg	1:1 Treg:Teff	Teff	% Suppression
Eotaxin	SFM	25.7 \pm 15.7*	32.7 \pm 30.9	31.9 \pm 27.7**	-2.5
	1%AS	22.5 \pm 14.4	23.2 \pm 13.2	43.4 \pm 33.0	46.5
GM-CSF	SFM	6.6 \pm 8.6	106.5 \pm 70.4	194.2 \pm 259.1	45.2
	1%AS	6.5 \pm 9.1	38.0 \pm 31.8	275.5 \pm 118.0	86.2
IFN- γ	SFM	13.7 \pm 24.0	1254.6 \pm 1578.5	5146.3 \pm 5292.8	75.6
	1%AS	20.1 \pm 42.3	309.2 \pm 267.8	4971.8 \pm 2932.7	93.8
IL-10	SFM	10.3 \pm 14.2	45.2 \pm 63.7	14.0 \pm 21.9*	-222.9
	1%AS	20.4 \pm 26.8	56.3 \pm 57.9	100.5 \pm 108.8	44.0
IL-12p40	SFM	61.8 \pm 46.4	293.1 \pm 322.8	644.4 \pm 667.3	54.5
	1%AS	38.8 \pm 42.4	146.3 \pm 42.3	421.4 \pm 161.5	65.3
IL-12p70	SFM	3.8 \pm 3.6	4.4 \pm 4.0	6.7 \pm 7.3	34.3
	1%AS	4.1 \pm 2.8	5.1 \pm 4.3	6.8 \pm 4.4	25.0
IL-13	SFM	42.4 \pm 63.4	268.6 \pm 273.5	306.1 \pm 307.7	12.3
	1%AS	37.2 \pm 80.1	123.0 \pm 165.7	196.2 \pm 156.3	37.3
IL-15	SFM	ND†	ND	ND	ND
	1%AS	ND	ND	ND	ND
IL-1 α	SFM	26.7 \pm 48.9	211.3 \pm 253.1	289.6 \pm 346.8	27.0
	1%AS	31.9 \pm 31.9	146.3 \pm 75.3	415.1 \pm 94.4	64.8
IL-1 β	SFM	5.2 \pm 0.1	6.6 \pm 2.0	7.9 \pm 2.7	16.5
	1%AS	5.0 \pm 0.3	8.0 \pm 1.7	14.3 \pm 10.0	44.1
IL-2	SFM	4.0 \pm 5.9	11.7 \pm 10.2*	129.6 \pm 155.5	91.0
	1%AS	2.4 \pm 4.2	2.1 \pm 3.6	4.4 \pm 6.3	52.3
IL-3	SFM	21.3 \pm 20.0	130.8 \pm 121.2	258.8 \pm 225.2	49.5
	1%AS	11.3 \pm 23.4	54.4 \pm 45.7	240.3 \pm 126.8	77.4
IL-4	SFM	8.8 \pm 15.3	11.8 \pm 17.2	12.0 \pm 18.6	1.7
	1%AS	9.2 \pm 16.7	9.2 \pm 16.3	9.7 \pm 16.5	5.2
IL-5	SFM	19.5 \pm 48.0	87.8 \pm 110.6	34.7 \pm 51.7	-153.0
	1%AS	29.1 \pm 71.2	81.1 \pm 124.0	86.0 \pm 93.0	5.7
IL-6	SFM	13.0 \pm 12.9	28.0 \pm 25.1	53.5 \pm 58.9	47.7
	1%AS	20.2 \pm 27.0	29.5 \pm 40.0	74.2 \pm 83.6	60.2
IL-7	SFM	236.3 \pm 50.9	285.0 \pm 64.9	270.6 \pm 61.2	-5.3
	1%AS	203.4 \pm 98.2	275.8 \pm 53.8	301.0 \pm 29.2	8.4
IL-8	SFM	2251.6 \pm 750.6	6363.5 \pm 5016.3	6437.0 \pm 3993.0	1.10
	1%AS	2187.9 \pm 1534.3	10526.8 \pm 11170.1‡	5863.3 \pm 1406.8	-79.5
IP-10	SFM	390.7 \pm 676.1	6882.1 \pm 10286.8‡	7693.2 \pm 11335.0‡	10.5
	1%AS	345.8 \pm 273.5	2165.4 \pm 1276.6	9645.5 \pm 5837.7	77.6
MCP-1	SFM	157.0 \pm 195.6	304.5 \pm 255.4*	408.3 \pm 278.7**	25.4
	1%AS	221.8 \pm 239.9	574.6 \pm 431.6	1038.9 \pm 551.8	44.7
MIP-1 α	SFM	14.2 \pm 14.1	371.0 \pm 581.2*	1164.8 \pm 1937.5*	68.1
	1%AS	23.7 \pm 25.4	611.9 \pm 754.0	9905.3 \pm 7667.8	93.8
RANTES	SFM	76.6 \pm 144.0	380.3 \pm 655.9	384.4 \pm 519.6	1.1
	1%AS	83.0 \pm 184.0	291.3 \pm 335.4	1082.2 \pm 909.7	73.1
TNF α	SFM	1.1 \pm 2.6	62.9 \pm 102.2	199.1 \pm 259.3*	68.4
	1%AS	1.8 \pm 3.3	41.2 \pm 39.1	502.6 \pm 294.8	91.8

Cytokine data represents the mean concentration (pg/ml) \pm SD (N=7 control subjects). Cytokine levels were determined from culture supernatant pooled from triplicate wells (stored at -20°C) and subsequently diluted 1:2 prior to analysis. †ND, indicates no detection. ‡ Designates samples with values exceeded the top standard for the assay. Percent suppression of cytokine production by Treg is calculated from the following equation: % Suppression = [1-(mean concentration Treg+Teff)/(mean concentration Teff alone) * 100]. Significant differences between SFM and 1%AS indicated as * p<0.05 and ** p<0.01.