

SDC, Supplemental table S2

Supplemental Table S2 Comparison of tear cytokines at 0min, 20min, and 60min after AE with baseline

Cytokines (pg/ml)	95% CI*		P value*	95% CI#		P value#	95% CI&		P value&
	Lower	Upper		Lower	Upper		Lower	Upper	
IFN- γ	-357.3	394.2	0.917	280.3	1061.0	0.003 ^{††}	88.2	817.9	0.019
TNF- α	-54.6	97.4	0.551	99.5	290.6	0.001 ^{†††}	70.3	251.3	0.002 ^{††}
IL-1 β	-59.0	53.5	0.916	35.0	178.4	0.007 ^{††}	30.6	178.7	0.010 ^{††}
IL-2	-76.7	37.6	0.471	-32.6	52.4	0.621	-11.3	44.3	0.219
IL-4	-2071	3232	0.642	2819	7810	0.001 ^{†††}	1118	5654	0.007 ^{††}
IL-5	-192.4	249.6	0.783	85.4	420.6	0.006 ^{††}	-3.4	325.4	0.054
IL-6	-109.3	109.0	0.997	91.8	288.4	0.001 ^{††}	33.5	223.1	0.012 ^{††}
IL-10	-87.1	98.0	0.901	73.7	241.8	0.002 ^{††}	34.6	194.3	0.009 ^{††}
IL-12P70	-259.1	148.3	0.564	56.3	377.0	0.012 [†]	-91.6	347.0	0.229
IL-13	-301.6	230.5	0.776	174.9	828.6	0.006 ^{††}	64.6	553.4	0.017 ^{††}
IL-15	-229.9	190.7	0.842	110.9	445.5	0.004 ^{††}	60.6	390.6	0.012 ^{††}
IL-17A	-216.4	193.7	0.906	159.3	494.1	0.001 ^{††}	38.3	475.2	0.025 ^{††}
IL-21	-554.6	487.0	0.890	226.8	1149.7	0.007 ^{††}	-25.7	1132.8	0.059
IL-27	-2571	1871	0.737	1126	5197	0.005 ^{††}	289.6	4987	0.031 ^{††}
CCL20/MIP3 α	-365.3	568.0	0.645	-335.0	793.0	0.394	69.4	1188.9	0.031 ^{††}

CI = confidence interval; IFN- γ = interferon- γ ; TNF- α = tumor necrosis factor- α ; IL = interleukin; CCL20/MIP3A = chemokine ligand

20 or macrophage inflammatory protein-3; SD = standard deviation.

N = 13;

* 0min after AE compared with baseline;

10min after AE compared with baseline;

& 60min after AE compared with baseline;

P<0.05 was considered to be significant.;

† P<0.05; ††P<0.01; ††† P<0.001.