

**Supplemental Table S1.** Median and ranges for tear lipids collected.

Pro-Inflammatory					Anti-Inflammatory				Pro:anti-Inflammatory Ratios		
Median (min-max)											
AA*	TXB <sub>2</sub>	5-HETE	12-HETE	15-HETE	DHA	EPA	11,12 DHET	14,15 DHET	AA: DHA	AA: EPA	ω6:ω3
629.6 (65.0–4921.7)	12.1 (0.0–149.8)	0.8 (0.1-4.3)	2.9 (0.2–13.7)	1.3 (0.1-12.5)	82.4 (11.9–480.2)	9.1 (0–95.7)	0.0 (0.0–0.2)	0.1 (0.0–0.4)	7.0 (4.1–15.2)	64.1 (0–1365.1)	6.5 (3.0–12.7)
Percentage (%) recovered											
100%	58%	100%	100%	100%	100%	95%	68%	85%	100%	95%	100%

**AA:** Arachidonic acid; **TXB<sub>2</sub>:** Thromboxane B<sub>2</sub>; **5-HETE:** 5-hydroxyeicosatetraenoic acid; **12-HETE:** 12-hydroxyeicosatetraenoic acid; **15-HETE:** 15-Hydroxyeicosatetraenoic acid; **DHA:** Docosahexaenoic acid; **EPA:** Eicosapentaenoic acid; **11,12 DHET:** 11,12-dihydroxyeicosatrienoic acid; **14,15 DHET:** 14,15-dihydroxyeicosatrienoic acid; **ω6:** Omega 6; **ω3:** Omega 3. \* Unit of each lipid is normalized with the amount of protein in the sample as a pico mole of lipid per milligram of protein [pmol/mg protein].