

Supplementary Table 16. Plasma esterified fatty acid concentrations for rats fed the control, ALA or DHA diet for 15 weeks

Fatty Acid	Control (n=3)	ALA (n=6)	DHA (n=5)
14:0	80 ± 21	85 ± 31	52 ± 9
16:0	880 ± 568	1485 ± 223	1550 ± 252
16:1n-7	102 ± 30	121 ± 28	98 ± 22
18:0	1715 ± 450	1348 ± 170	1617 ± 368
18:1n-9	333 ± 79	434 ± 145	404 ± 92
18:1n-7	164 ± 53	203 ± 32	139 ± 27
18:2n-6	1065 ± 275	971 ± 114	1111 ± 224
18:3n-6	11 ± 3	7 ± 1	6 ± 2
18:3n-3	1 ± 0.4 ^a	12 ± 7 ^b	2 ± 0.5 ^{ab}
20:0	6 ± 2	9 ± 2	7 ± 2
20:1n-9	8 ± 5	16 ± 7	8 ± 4
20:2n-6	15 ± 4	17 ± 2	17 ± 4
20:3n-3	58 ± 21	60 ± 8	118 ± 26
ARA (20:4n-6)	2708 ± 671	1978 ± 259	1934 ± 589
EPA (20:5n-3)	17 ± 4	14 ± 2	33 ± 13
22:1n-9	25 ± 14	24 ± 10	16 ± 4
22:4n-6	33 ± 8 ^a	18 ± 4 ^{ab}	9 ± 2 ^b
22:5n-6	230 ± 46 ^a	23 ± 3 ^{ab}	6 ± 2 ^b
24:1n-9	18 ± 6	22 ± 6	30 ± 16
22:5n-3	4 ± 1.1 ^a	24 ± 7 ^b	15 ± 4 ^{ab}
DHA (22:6n-3)	73 ± 19 ^a	208 ± 23 ^{ab}	396 ± 92 ^b

Data shown are means +/- SEM and are expressed in nmol/ml of plasma. Different letters signify the means are significantly different (p<0.05) measured by Kruskal-Wallis test followed by Dunn's test for multiple comparisons.