

ACYLCARNITINE PROFILE, QUANTITATIVE - Reference Ranges by Component - 2017

Age	0 up to 7 Days	7 Days up to 7 Years	7 Years up to 150 Years
C2	4.50-14.85 umole/L	0.31-14.96 umole/L	0.00-13.87 umole/L
C3	0.07-0.54 umole/L	0.08-1.77 umole/L	0.10-0.87 umole/L
C4	0.06-0.45 umole/L	0.06-1.05 umole/L	0.04-0.82 umole/L
C5	0.06-0.37 umole/L	0.05-0.62 umole/L	0.06-0.50 umole/L
C6	0.01-0.13 umole/L	0.01-0.22 umole/L	0.02-0.16 umole/L
C5-OH	0.01-0.07 umole/L	0.01-0.11 umole/L	0.00-0.09 umole/L
C6-OH	0.00-0.07 umole/L	0.00-0.18 umole/L	0.00-0.08 umole/L
C8:1	0.03-0.47 umole/L	0.02-0.90 umole/L	0.04-0.87 umole/L
C8	0.03-0.18 umole/L	0.01-0.44 umole/L	0.02-0.77 umole/L
C10:1	0.03-0.24 umole/L	0.01-0.45 umole/L	0.03-0.46 umole/L
C10	0.02-0.26 umole/L	0.02-0.90 umole/L	0.03-0.87 umole/L
C5-DC	0.00-0.11 umole/L	0.00-0.10 umole/L	0.00-0.10 umole/L
C12:1	0.01-0.18 umole/L	0.00-0.36 umole/L	0.00-0.34 umole/L
C12	0.02-0.17 umole/L	0.02-0.34 umole/L	0.01-0.25 umole/L
C12-OH	0.00-0.05 umole/L	0.00-0.08 umole/L	0.00-0.07 umole/L
C14:2	0.01-0.08 umole/L	0.01-0.12 umole/L	0.01-0.17 umole/L
C14:1	0.00-0.15 umole/L	0.01-0.34 umole/L	0.00-0.23 umole/L
C14	0.01-0.10 umole/L	0.01-0.14 umole/L	0.00-0.11 umole/L
C14:1-OH	0.01-0.05 umole/L	0.00-0.17 umole/L	0.00-0.12 umole/L
C14-OH	0.00-0.03 umole/L	0.00-0.04 umole/L	0.00-0.07 umole/L

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C16:1	0.01-0.14 umole/L	0.00-0.20 umole/L	0.00-0.09 umole/L
C16	0.06-0.35 umole/L	0.04-0.51 umole/L	0.03-0.22 umole/L
C16:1-OH	0.00-0.77 umole/L	0.00-0.35 umole/L	0.00-0.05 umole/L
C16-OH	0.00-0.09 umole/L	0.00-0.06 umole/L	0.00-0.05 umole/L
C18:2	0.01-0.11 umole/L	0.00-0.30 umole/L	0.02-0.23 umole/L
C18:1	0.02-0.24 umole/L	0.03-0.44 umole/L	0.02-0.38 umole/L
C18	0.01-0.09 umole/L	0.01-0.11 umole/L	0.01-0.13 umole/L
C18:2-OH	0.00-0.03 umole/L	0.00-0.05 umole/L	0.00-0.05 umole/L
C18:1-OH	0.00-0.02 umole/L	0.00-0.03 umole/L	0.00-0.05 umole/L