

Acylcarnitine, Serum/Plasma Reference Intervals

Acylcarnitine Species	Reference Intervals Units: µmol/L
C0	18.00 – 47.00
Acetyl C2	4.65 – 35.39
Propionyl C3	<1.08
Butyryl / Isobutyryl C4	<0.68
Tiglyl C5 : 1	<0.09
Isovaleryl / 2Methylbutyryl C5	<0.47
Hexanoyl C6	<0.32
OHIsoval / MethylOHbutyryl C5OH	<0.14
Octenoyl C8 : 1	<0.68
Octanoyl C8	<0.30
Malonyl C3DC	<0.13
Decenoyl C10 : 1	<0.29
Decanoyl C10	<0.38
Methylmalonyl / Succinyl C4DC	<0.13
Glutaryl / 3OHDecanoyl C5DC	<0.14
Dodecenoyl C12 : 1	<0.19
Dodecanoyl C12	<0.19
Adipyl / 3MeGlutaryl C6DC / C53MDC	<0.14
3OHDodecanoyl C12OH	<0.05
Tetradecadienoyl C14 : 2	<0.09
Tetradecenoyl C14 : 1	<0.21
Tetradecanoyl C14	<0.11
3OHTetradecenoyl C14 : 1OH	<0.05
3OHTetradecanoyl C14OH	<0.04
Palmitoleoyl C16 : 1	<0.09
Palmitoyl C16	<0.31
3OHPalmitoleoyl C16 : 1OH	<0.13
3OHPalmitoyl C16OH	<0.05
Linoleoyl C18 : 2	<0.14
Oleoyl C18 : 1	<0.28
Stearoyl C18	<0.10
3OHLinoleoyl C18 : 2OH	<0.03
3OHOleoyl C18 : 1OH	<0.04