Disorder Marker Abnormal Range

" > " means "is greater than"
" < " means "is less than"

CUD
Free Carnitine (C0) < 12 umol/L
C2 < 12 umol/L

CPT-1a
Free Carnitine (C0) > 110 umol/L
C16 <0.30 umol/L
C0 / C16+C18 > 90

SCAD
C4 > 1.30 umol/L
C4/C3 > 0.75
C4/C2 > 0.05

GA-II
C4 > 1.30 umol/L
C5 > 0.70 umol/L
C5DC > 0.32 umol/L

M/SCHAD
C4OH > 1.00 umol/L
C6OH > 0.45 umol/L

MCAD and MCKAT
C8 > 0.40 umol/L
C8/C10 > 3.0
C6 >0.24 umol/L
C10:1 >0.30 umol/L

DE-RED
C10:2 > 0.15 umol/L

VLCAD
C14:1 > 0.65 umol/L
C14:1 / C12:1 > 3.0
C14:1/C16 >0.20
C14 >0.70 umol/L
C14:2 > 0.15 umol/L

CACT and CPT-II
C16 > 7.8 umol/L
C18:1 > 3.5 umol/L

LCHAD and TFP

C16-OH > 0.15 umol/L

C18-OH > 0.10 umol/L

C16OH / C16 > 0.08