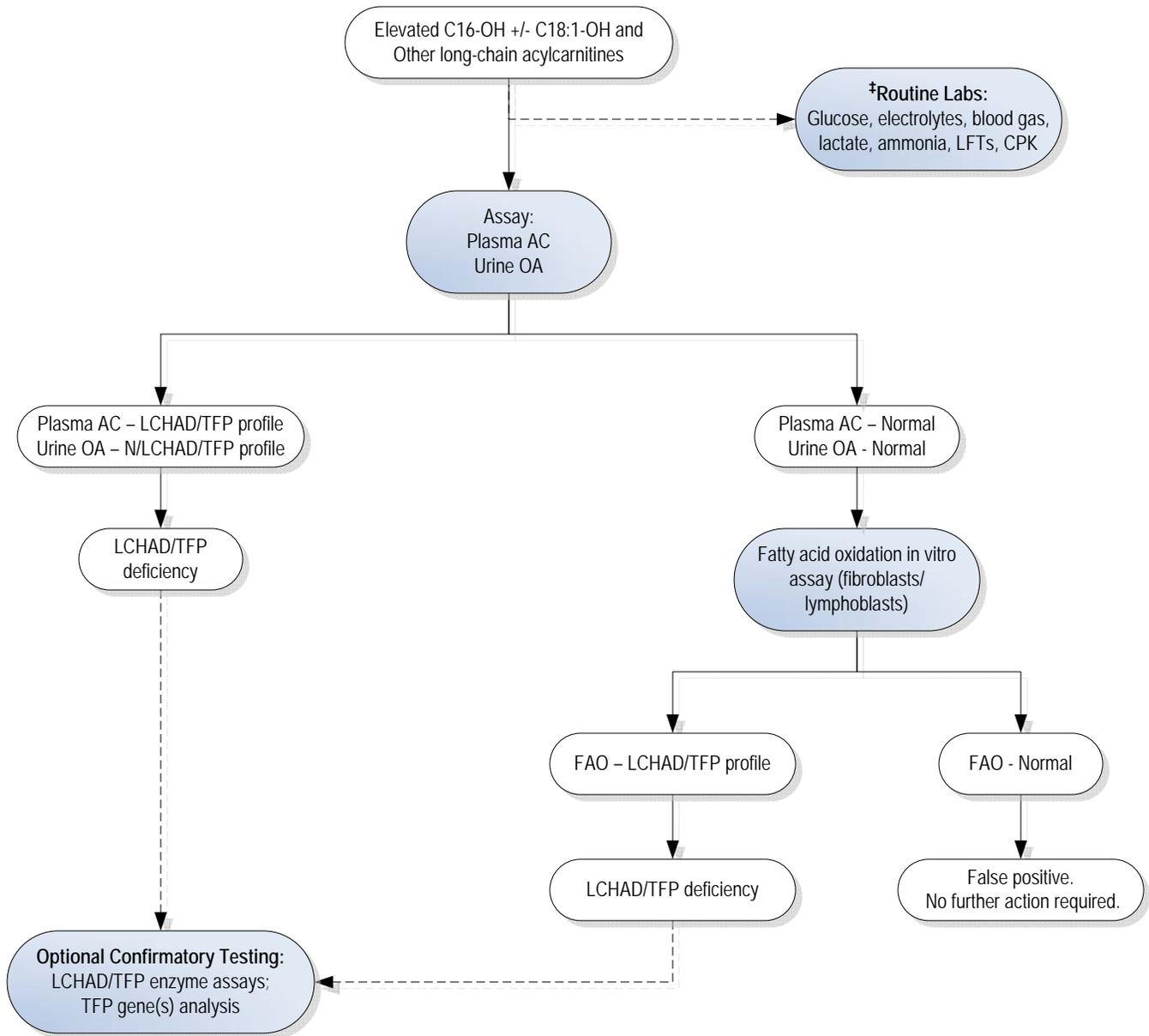


# C16-OH Elevated +/- C18 and Other Long-Chain Acylcarnitine species



### Abbreviations/Key:

AC = acylcarnitine  
CPK = creatine phosphokinase  
FAO = fatty acid oxidation  
LCHAD = Long-chain 3-hydroxyacyl-CoA dehydrogenase  
LFTs = liver function tests  
OA = organic acid  
TFP = Trifunctional protein

‡ - When the positive predictive value of screening is sufficiently high and the risk to the baby is high, some initiate diagnostic studies that are locally available at the same as confirmation of the screening result is done.

Action boxes are shaded; result boxes are not shaded.

**Disclaimer:** This guideline is designed primarily as an educational resource for clinicians to help them provide quality medical care. It should not be considered inclusive of all proper procedures and tests or exclusive of other procedures and tests that are reasonably directed to obtaining the same results. Adherence to this guideline does not necessarily ensure a successful medical outcome. In determining the propriety of any specific procedure or test, the clinician should apply his or her own professional judgment to the specific clinical circumstances presented by the individual patient or specimen. Clinicians are encouraged to document the reasons for the use of a particular procedure or test, whether or not it is in conformance with this guideline. Clinicians also are advised to take notice of the date this guideline was adopted, and to consider other medical and scientific information that become available after that date.