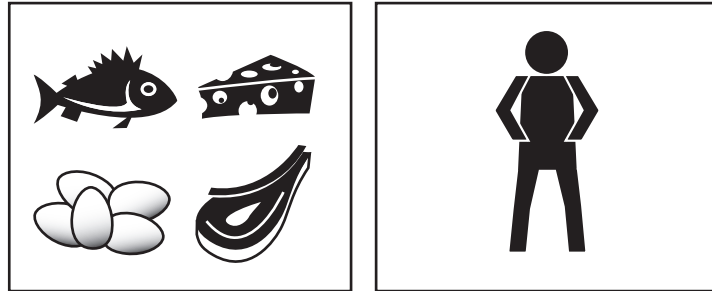


3-methylcrotonyl CoA carboxylase deficiency 3MCC deficiency

Normal



Protein from food

Protein from muscles

Amino Acids

Leucine

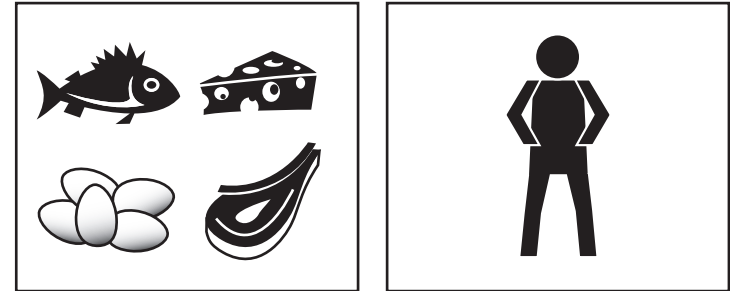
Other amino acids

3MCC enzyme

Energy

Growth

3MCC deficiency



Protein from food

Protein from muscles

Amino Acids

Leucine

Other amino acids

~~3MCC enzyme~~

Energy

Growth

Build up of harmful substances

Health Problems