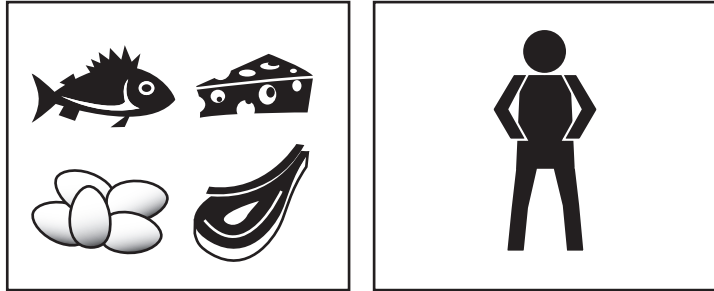


# 2-methylbutyryl CoA dehydrogenase deficiency 2MBCD deficiency

## Normal



Protein from food

Protein from muscles

Amino Acids

Isoleucine

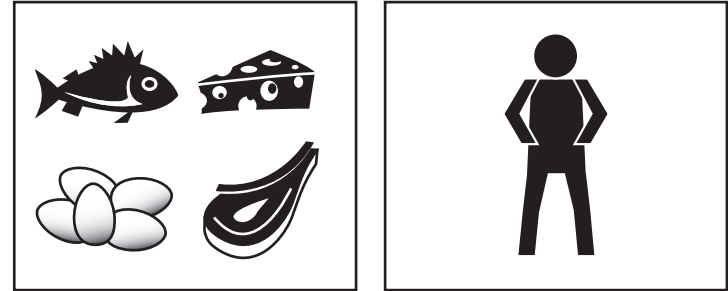
Other amino acids

2-MBCD enzyme

**Energy**

**Growth**

## 2MBCD deficiency



Protein from food

Protein from muscles

Amino Acids

Isoleucine

Other amino acids

~~2-MBCD enzyme~~

Energy

Growth

Build up of harmful substances

**Health Problems**