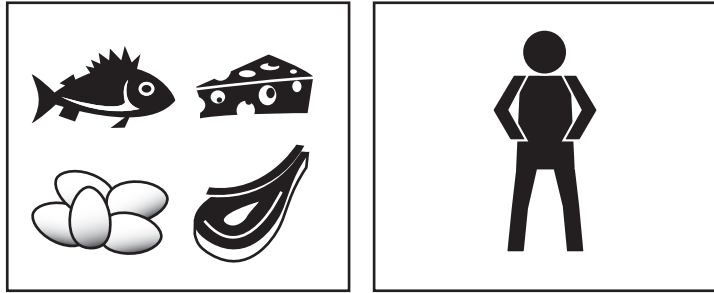


Glutaric Acidemia - type 1 (GA-1)

Normal



Protein from food

Protein from muscles

Amino Acids

Tryptophan + Lysine

Other Amino acids

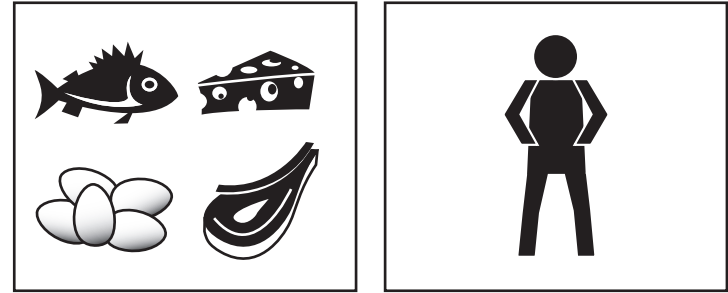
Glutaric acid

Glutaryl-CoA dehydrogenase enzyme

Energy

Growth

GA-1



Protein from food

Protein from muscles

Amino Acids

Tryptophan + Lysine

Other Amino acids

Glutaric acid

~~Glutaryl-CoA dehydrogenase enzyme~~

Energy

Growth

Build up of Glutaric acid + other harmful substances

Health Problems