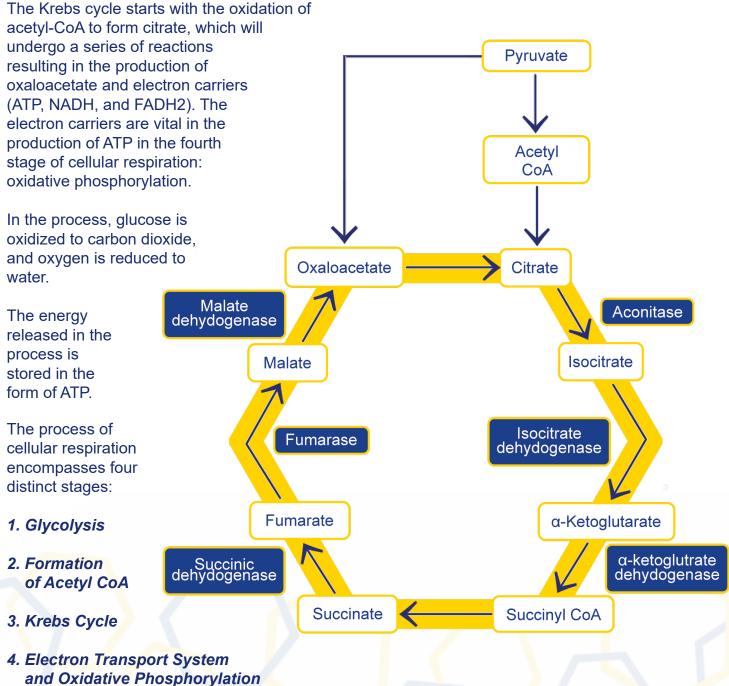
Krebs Cycle



Cellular Respiration

Cellular respiration occurs within cells and plays a vital role in the breakdown of organic molecules, typically glucose, to generate energy from adenosine triphosphate (ATP).

The second stage of cellular respiration is the **Krebs cycle**, also known as the tricarboxylic acid cycle (TCA). This is a series of enzymatic reactions that occur within the mitochondria of eukaryotic cells.



Abbexa Products



Separated by Enzyme Products

Citrate synthase:

 Human Citrate Synthase (CS) ELISA Kit (<u>abx151075</u>)

Aconitase:

 Human Aconitase 1 (ACO1) ELISA Kit (<u>abx150524</u>)

Isocitrate dehydrogenase:

- Human Isocitrate Dehydrogenase 2, mitochondrial (IDH2) ELISA Kit (abx151899)

Alpha-ketoglutarate dehydrogenase:

 - Human Oxoglutarate Dehydrogenase (OGDH) ELISA Kit (abx352381)

Succinyl-CoA synthetase:

- Human Succinate-CoA Ligase Alpha Subunit (SUCLG1) ELISA Kit (abx383555)
- Human Succinate-CoA Ligase GDP-Forming Beta Subunit (SUCLG2) ELISA Kit (abx383556)
- Human Succinate-CoA Ligase ADP-Forming Beta Subunit (SUCLA2) ELISA Kit (<u>abx383554</u>)

Succinate Dehydrogenase:

- Human Succinate Dehydrogenase Complex Subunit A (SDHA) ELISA Kit (abx253150)
- Human Succinate Dehydrogenase Complex Subunit B (SDHB) ELISA Kit (abx383076)

Fumarase:

 Human Fumarate Hydratase (FH) ELISA Kit (abx251329)

Malate dehydrogenase:

- Human Malate Dehydrogenase 1 (MDH1) ELISA Kit (abx152296)
- Human Malate Dehydrogenase 2 (MDH2) ELISA Kit (abx152297)

Email us at info@abbexa.com or visit our website www.abbexa.com for more information.