

Link Reaction Important

Located in the **Mitochondrion matrix**

Converts 2 x **Pyruvate** into **Acetyl CoEnzyme A**

Link Reaction occurs **2 Times** for every Glucose molecule

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Converts 2 x **Pyruvate** into **Acetyl CoEnzyme A**

Pyruvate is decarboxylated (Loses a Carbon Atom)

Removed in the form of **CO₂**

Pyruvate is oxidised to form Acetate

NAD is reduced to form **NAD.2H**

Acetate is combined with Co-enzyme A (CoA)

This Forms Acetyl Coenzyme A (Acetyl CoA)

Summary

Metabolich Pathway	Location	Starts With	Ends with
Link Reaction	Mitochodrian Matrix	2 X Pyruvate	Acetyl Coenzyme A

Redox Reaction

Reactions that involve oxidation and reduction

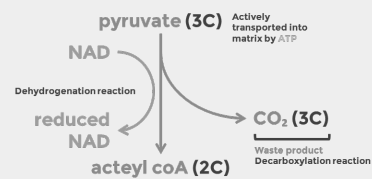
Reduced

- 1) Gained Electrons
- 2) Gained Hydrogen

Oxidised

- 1) Lost Electrons
- 2) Lost Hydrogen

Link Reaction Image



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