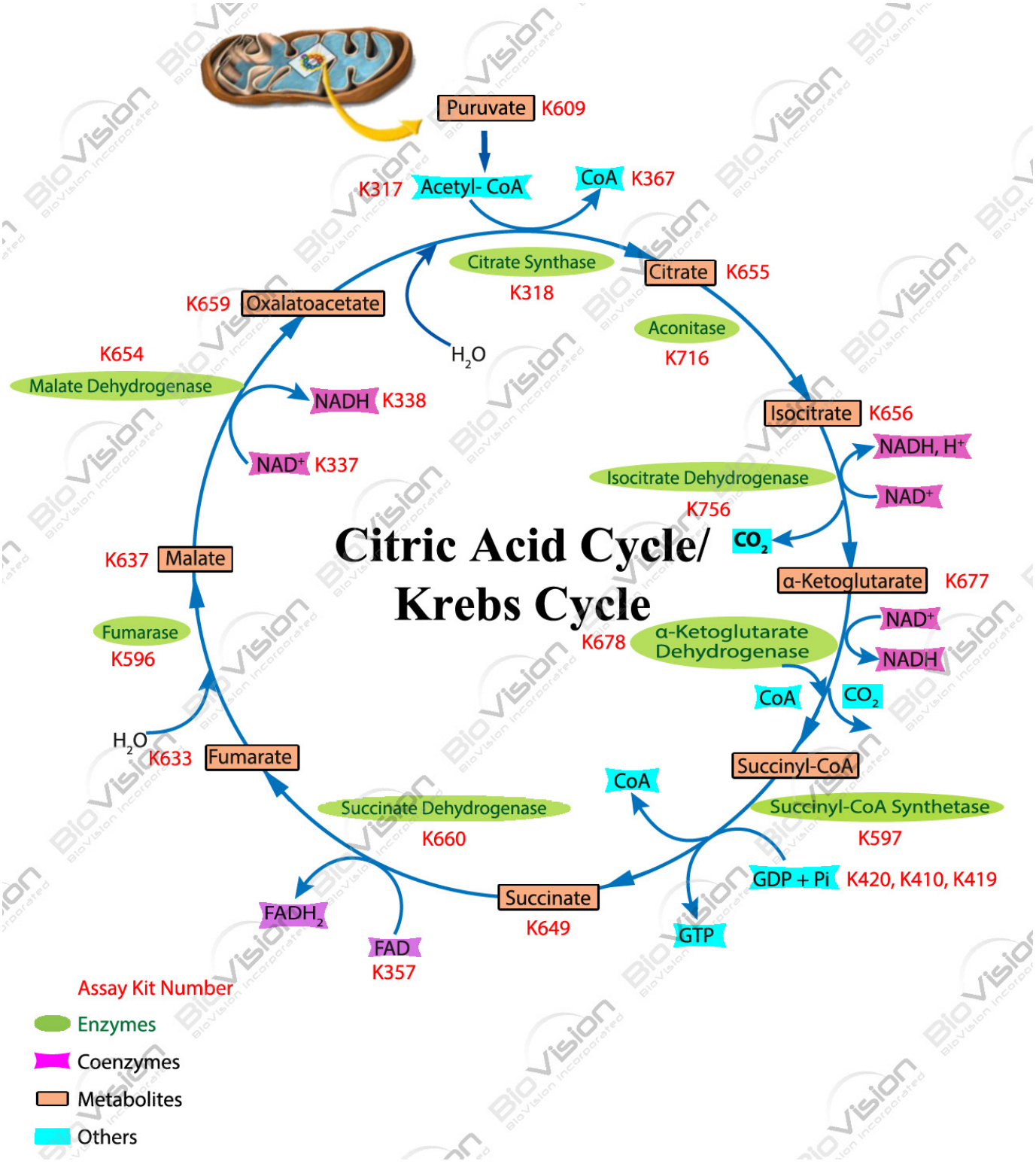
Krebs Cycle Assay Kits

The Krebs Cycle, also known as Tricarboxylic Acid (TCA), is considered one of the central pathway in cellular metabolism. It oxidizes several metabolites containing acetyl groups. The list includes amino acids, carbohydrates and fatty acids. BioVision offers the most complete series of assays measuring various metabolites, cofactors, and enzymes involved in the glycolytic pathway.



155 S. Milpitas Blvd, Milpitas, CA 95035
T: 408-493-1800 F: 408-493-1801
Toll Free: 800-891-9699 (US Only)

Key Features:

- **Non-radioactive**, homogeneous assays
- **Specific** assays
- **Convenient**: minimal sample preparation; fast protocols (1-2 hours)
- **Cost effective**: 100 assays; **High Throughput Screening compatible**
- **Validated**: using mammalian tissues, cells, biological fluids

The simplest, yet sensitive series of assays in the market!!!!

Assay Kits

	Product Name	Cat. No.	Detection Limit	Sample Type
Metabolite	*Aconitase (C)*	K317	0.01 pmol	Cells, tissues
	Citrate Synthas (C)	K655	0.25 nmol	Cells, tissues
	Fumarase (C)	K213	10 µM	Cells, tissues, urine
	Glutamate Dehydrogenase (F)	K633	2.5 nmol	Cells, tissues
	Isocitrate Dehydrogenase (C)	K677	0.1 nmol	Cells, tissues
	α-Ketoglutarate Dehydrogenase (C)	K656	2 nmol	Cells, tissues
	Malate Dehydrogenase (C)	K637	1 nmol	Cells, tissues
	Pyruvate Dehydrogenase (C) †	K659	1 nmol	Cells, tissues
	Succinate Dehydrogenase (C)	K609	1 µM - 10 mM	Tissue, cells, serum, saliva
	Succinyl-CoA Synthetase (C)	K649	1 nmol	Cells, tissues
Enzyme	Aconitase (C)	K716	0.1 mU	Tissue, cells, PP
	Citrate Synthas (C)	K318	1 mU	Tissue, cells PP
	Fumarase (C)	K596	2.5 mU	Tissue, cells, PP
	Glutamate Dehydrogenase (F)	K185	-	-
	Isocitrate Dehydrogenase (C)	K756	0.01 mU	Tissue, cells, PP
	α-Ketoglutarate Dehydrogenase (C)	K678	0.1 mU	Tissue, cells, PP
	Malate Dehydrogenase (C)	K654	0.5 mU	Tissue, cells, PP
	Pyruvate Dehydrogenase (C) †	K679	0.1 mU	Tissue, cells, PP
	Succinate Dehydrogenase (C)	K660	0.1 mU	Tissue, cells, PP
	Succinyl-CoA Synthetase (C)	K597	0.1 mU	Tissue, cells, PP
Coenzyme /Others	FAD (C/F)	K357	25 pmol	Tissue, cells
	NAD/NADH (C/F)	K337 & K338	10 pmol	Tissue, cells, serum, urine
	NADP/NADPH (C)	K347	10 pmol	Tissue, cells, PP
	Phosphate (C/F)	K410 & K420	500 pmol	Tissue, cells, serum, urine

***C: Colorimetric; F: Fluorometric; PP: Protein Preparation; †: Does not form part of the Cycle**

Visit **www.BioVision.com** for a comprehensive overview on Metabolism, Obesity & Diabetes Research Products!