

Metabolic Atlas

Visualize Cellular Energy Networks from Nutrient Uptake to Disease Phenotypes

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Sep 1 – Dec 18, 2026



Metabolism Research Solutions

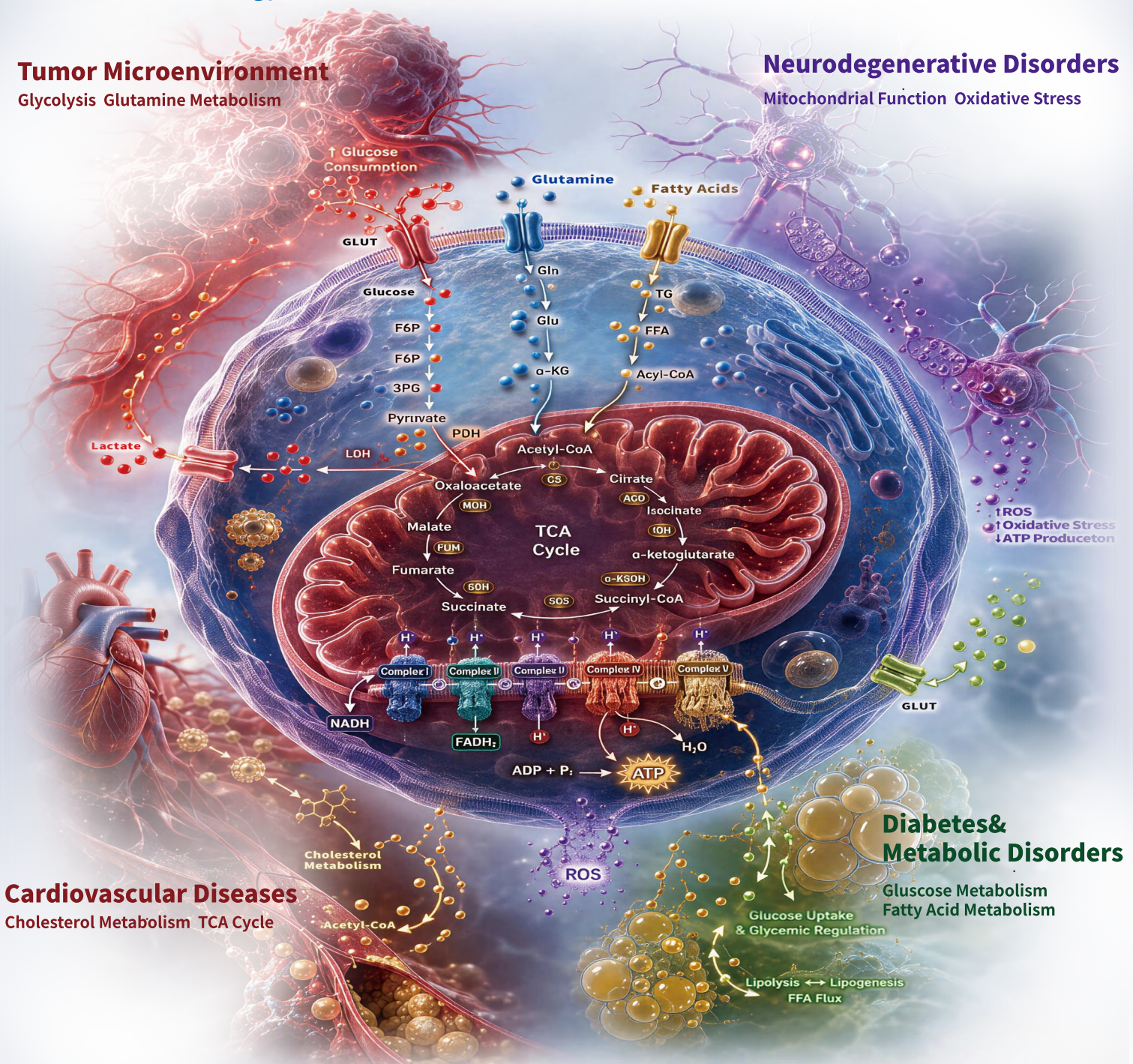
Oncology · Neuroscience · Cardiovascular Research · Diabetes

Tumor Microenvironment

Glycolysis Glutamine Metabolism

Neurodegenerative Disorders

Mitochondrial Function Oxidative Stress



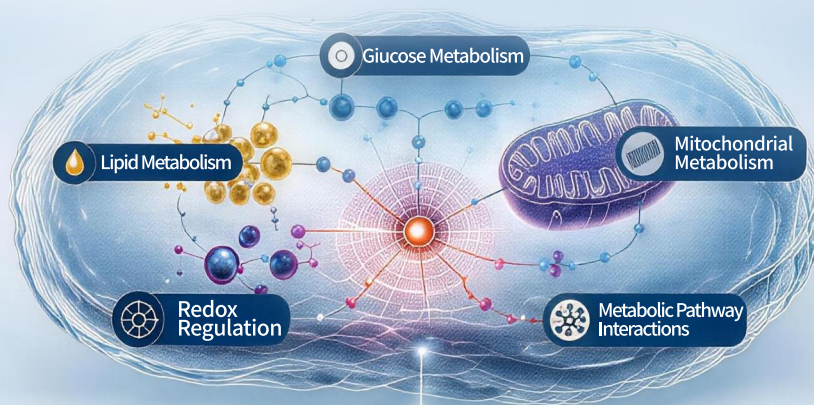
Cardiovascular Diseases

Cholesterol Metabolism TCA Cycle

Diabetes & Metabolic Disorders

Glucose Metabolism
Fatty Acid Metabolism

METABOLIC RESEARCH AXIS



Glycolytic Reprogramming

Metabolic Flux Analysis

- ECAR (E-BC-F069)

Glutamine Metabolism Profiling

- Gln (E-BC-K853-M)
- Glutaminase (E-BC-K660-M)
- Glutamine Synthetase (GS) (E-BC-K664-M)

Glycolytic Activity Assessment

- L-Lactic Acid (E-BC-K044-M)
- LDH (E-BC-K046-M)
- Hexokinase (E-BC-K610-M)
- Pyruvate Kinase (E-BC-K611-M)
- F6P (E-BC-F087)
- Pyruvate (E-BC-F058)

Bioenergetic Decline & Redox Homeostasis

Mitochondrial Activity Analysis

- OCR (E-BC-F070)
- ATP/ADP (E-BC-F004)
- ATP (E-BC-F201)
- NAD⁺/NADH (E-BC-K804-M)

Mitochondrial Dysfunction Assessment

- Mitochondrial Stress (E-BC-F078)
- Complex I (E-BC-K149-M)
- Complex V (E-BC-K153-M)
- mPTP (E-BC-F064)

Oxidative Stress Profiling

- ROS (E-BC-K138-F)
- Superoxide (E-BC-F008)

Lipid Remodeling

Lipid Metabolism Profiling

- HDL-C (E-BC-K221-M)
- Free Cholesterol (FC) (E-BC-K004-M)
- Total Cholesterol (TC) (E-BC-K109-M)
- LDL-C (E-BC-K205-M)
- Triglycerides (TG) (E-BC-K261-M)
- HMGR (E-BC-K795-M)

TCA Cycle & Mitochondrial Energy Metabolism

- Succinic Acid (E-BC-K902-M)
- Acetyl-CoA (E-BC-F046)
- Succinate Dehydrogenase (SDH) (E-BC-K649-M)
- Succinyl-CoA Synthetase (SCS) (E-BC-K906-M)

Glucose & Fatty Acid Regulation

Glucose Metabolism Profiling

- Glucose Uptake (E-BC-F041)
- Glucose (E-BC-K234-M)
- Glucosylated Protein (GSP) (E-BC-K069-M)
- α-Glucosidase (E-BC-K821-M)
- β-Glucosidase (E-BC-K822-M)
- DPP4 (E-BC-D007)

Lipid Metabolism & Adipocyte Function Analysis

- Free Fatty Acid (FFA) (E-BC-K792-M)
- Adipogenesis (E-BC-F065)
- Lipase (E-BC-K786-M)
- Lipolysis (E-BC-K798-M)

※ This campaign covers the complete Elabscience® Metabolism Assay Kit portfolio, including but not limited to the products highlighted above.

The Elabscience® Difference



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