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Elabscience®

# Metabolic Atlas

## Visualize Cellular Energy Networks from Nutrient Uptake to Disease Phenotypes




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**Enjoy 10% OFF Metabolism Assay Portfolio**

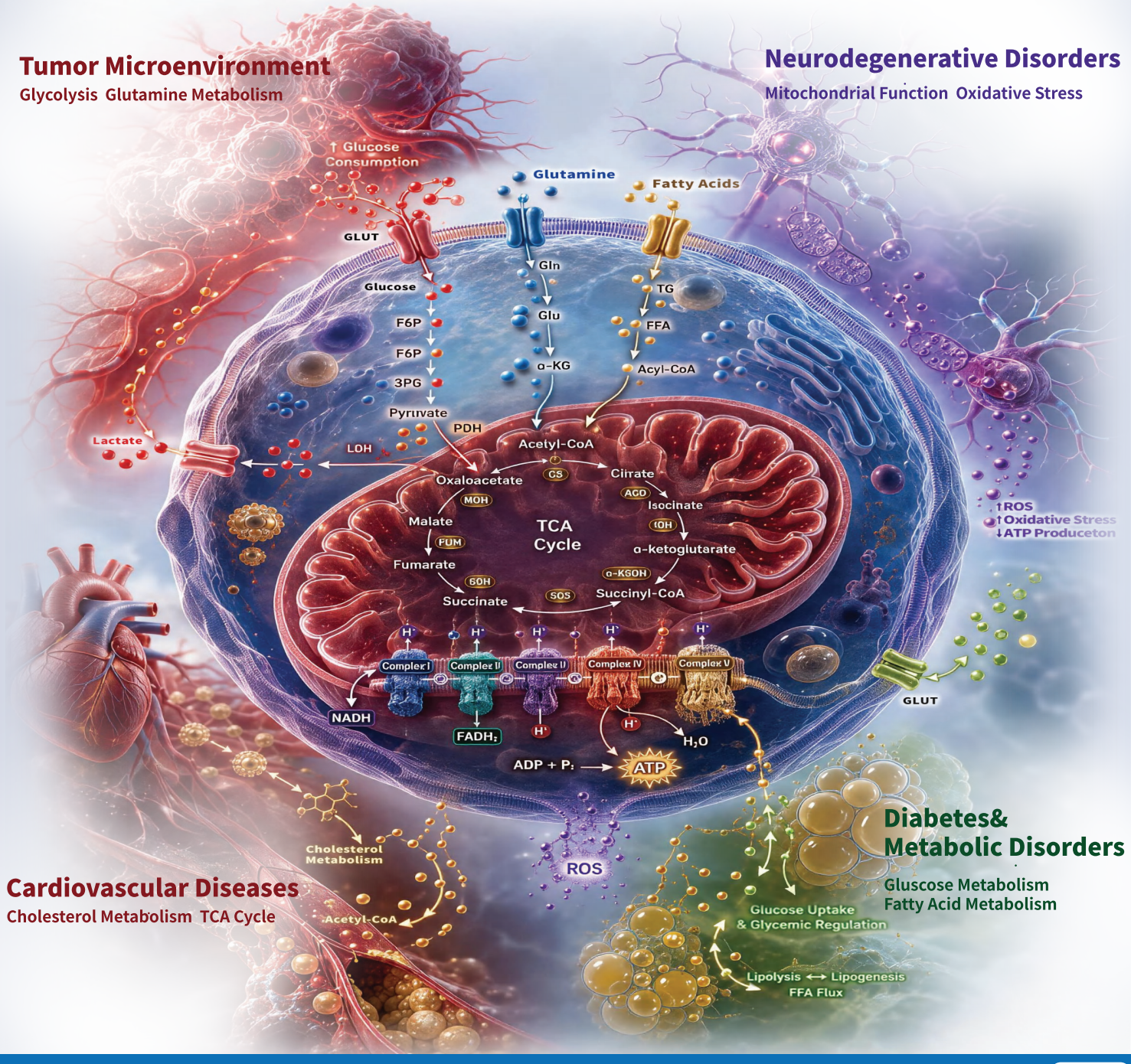
**Sep 1 – Dec 18, 2026**

## 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
Gluscose Metabolism
Fatty Acid Metabolism

Glucose Uptake & Glycemic Regulation

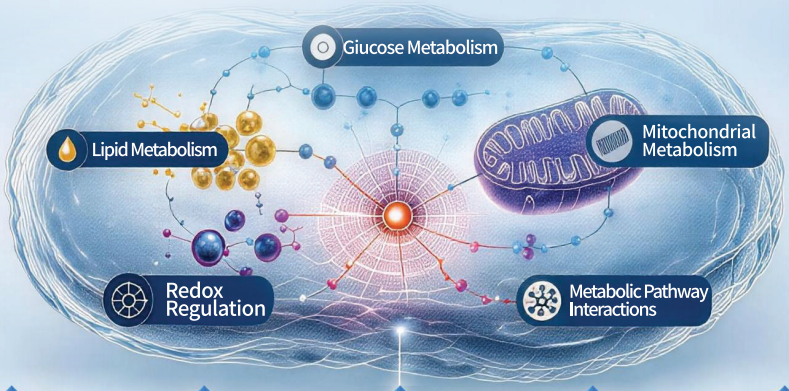
Lipolysis ↔ Lipogenesis
FFA Flux

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# 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

**Comprehensive Coverage**
From glucose metabolism to mitochondrial function

**Functional Readouts**
Measure metabolism beyond expression shifts

**Disease-Oriented Solutions**
Onco, neuro, cardio, metabolic and more

**Research-Ready Performance**
Validated assays for reproducible profiling

**Flexible Sample Compatibility**
Live Cells | Tissue Homogenates | Mitochondrial Fractions

**Integrated Research Workflow**
Coverage without the need to combine multiple brands

Bulk Packaging Options Also Eligible for the Campaign

Contact your local Elabscience® distributor or sales representative for campaign product lists and ordering information.

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