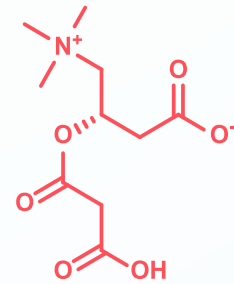




# Malonyl Carnitine Assay



## Malonylcarnitine Assay

Malonylcarnitine is an indirect biomarker for malonyl-coenzyme A, a key intermediate of fatty acid biosynthesis.

## Applications

- ▶ Drug development of fatty acid biosynthesis inhibitors (e.g. for fatty liver disease, cancer)
  - ▶ Acetyl-CoA Carboxylase (ACC) inhibitors
  - ▶ Fatty Acid Synthase (FASN) inhibitors
- ▶ Metabolic diseases

Malonylcarnitine Assay	LLOQ
	Plasma/Serum
Malonylcarnitine	0.500 ng/mL

The panel is for non-GxP testing and is not for diagnostic use

### Analysis Method and Instrumentation

LC-MS/MS (Agilent 1290 UHPLC/Sciex QTrap 5500)

### Sample Type and Required Amounts

Sample Type	Sample Requirement
Plasma/Serum	100 - 150 $\mu$ L
Others on request	

**Contact us to get started**  
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