

Coenzyme Q10, Reduced and Total, Plasma

Test ID: Q10

Explanation: On the effective date, the Method will change to LC-MS/MS. Specimen stability and collection information will also be updated.

Current Method
High-Performance Liquid Chromatography (HPLC) with Electrochemical Detection

New Method
Liquid Chromatography Tandem Mass Spectrometry (LC-MS/MS)

Current Specimen Required
Patient Preparation: Fasting: 8 hours, required Collection Container/Tube: Green top (lithium or sodium heparin) Submission Container/Tube: Plastic vial Specimen Volume: 0.5 mL Collection Instructions: 1. Immediately after collection, place specimen on wet ice. Maintain on wet ice and process within 3 hours of collection. 2. Centrifuge, aliquot plasma into a plastic vial, and freeze immediately.

New Specimen Required
Collection Container/Tube: Green top (lithium or sodium heparin) Submission Container/Tube: Plastic vial Specimen Volume: 0.5 mL plasma Collection Instructions: 1. Immediately after collection, place specimen on wet ice. Maintain on wet ice until processing. 2. Within 3 hours of collection, centrifuge, aliquot plasma into a plastic vial, and freeze immediately.

Current Specimen Stability		
Specimen	Temperature	Time
Plasma Heparin	Frozen (preferred)	14 days
	Refrigerated	8 hours

New Specimen Stability		
Specimen	Temperature	Time
Plasma Heparin	Frozen (preferred)	7 days

Questions

Contact Melissa Tricker-Klar Laboratory Resource Coordinator at 800-533-1710.