
Reporting Title: Long QT Syndrome Gene Panel**Performing Location:** Rochester**Ordering Guidance:**

This test is intended for genetic screening for and diagnosis of long QT syndrome.

For Brugada syndrome genetic testing, order SCN5A / Brugada Syndrome Multi-Gene Panel, Blood.

For comprehensive inherited cardiac arrhythmia genetic testing, order CARGG / Comprehensive Arrhythmia Gene Panel, Varies.

Customization of this panel and single gene analysis for any gene present on this panel are available. For more information see CGPH / Custom Gene Panel, Hereditary, Next-Generation Sequencing, Varies.

Targeted testing for familial variants (also called site-specific or known mutations testing) is available for the genes on this panel. See FMTT / Familial Variant, Targeted Testing, Varies. To obtain more information about this testing option, call 800-533-1710.

Shipping Instructions:

Specimen preferred to arrive within 96 hours of collection.

Necessary Information:

Prior Authorization is available, but not required, for this test. If proceeding with the prior authorization process, submit the required form with the specimen.

Specimen Requirements:

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. Call 800-533-1710 for instructions for testing patients who have received a bone marrow transplant.

Specimen Type: Whole blood

Container/Tube:

Preferred: Lavender top (EDTA) or yellow top (ACD)

Acceptable: Any anticoagulant

Specimen Volume: 3 mL

Collection Instructions:

1. Invert several times to mix blood
2. Send whole blood specimen in original tube. Do not aliquot.

Specimen Stability Information: Ambient (preferred)/Refrigerated

Specimen Minimum Volume:

1 mL

Forms:

- . New York Clients-Informed consent is required. Document on the request form or electronic order that a copy is on file.
The following documents are available:
- Informed Consent for Genetic Testing (T576)
 - Informed Consent for Genetic Testing (Spanish) (T826)
 - 2. Hereditary Cardiomyopathies and Arrhythmias Patient Information
 - 3. Long QT Syndrome Gene Panel (LQTSG) Prior Authorization Ordering Instructions
 - 4. If not ordering electronically, complete, print, and send a Cardiovascular Test Request Form (T724) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
617352	Test Description	Alphanumeric		62364-5
617353	Specimen	Alphanumeric		31208-2
617354	Source	Alphanumeric		31208-2
617355	Result Summary	Alphanumeric		50397-9
617356	Result	Alphanumeric		82939-0
617357	Interpretation	Alphanumeric		69047-9
617358	Additional Results	Alphanumeric		82939-0
617359	Resources	Alphanumeric		99622-3
617360	Additional Information	Alphanumeric		48767-8
617361	Method	Alphanumeric		85069-3
617362	Genes Analyzed	Alphanumeric		48018-6
617363	Disclaimer	Alphanumeric		62364-5
617364	Released By	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:
Supplemental**CPT Code Information:**

81403

81406 x2

81407

81479

Reference Values:

An interpretive report will be provided.