



**Reporting Title:** PTEN Full Gene Analysis

**Performing Location:** Rochester

**Ordering Guidance:**

For a comprehensive hereditary cancer panel that includes the PTEN gene, consider ordering 1 of the following tests:

- BRGYP / Hereditary Breast/Gynecologic Cancer Panel, Varies
- ENDCP / Hereditary Endocrine Cancer Panel, Varies
- HPGLP / Hereditary Paraganglioma/Pheochromocytoma Panel, Varies
- RENCP / Hereditary Renal Cancer Panel, Varies

Testing for the PTEN gene as part of a customized panel is 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.

**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) 4 days/Refrigerated

**Specimen Minimum Volume:**

1 mL

**Forms:**

1. 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. Molecular Genetics: Inherited Cancer Syndromes Patient Information (T519)

3. If not ordering electronically, complete, print, and send a Oncology Test Request (T729) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

**Result Codes:**

Result ID	Reporting Name	Type	Unit	LOINC®
614815	Test Description	Alphanumeric		62364-5
614816	Specimen	Alphanumeric		31208-2
614817	Source	Alphanumeric		31208-2
614818	Result Summary	Alphanumeric		50397-9
614819	Result	Alphanumeric		82939-0
614820	Interpretation	Alphanumeric		69047-9
614821	Resources	Alphanumeric		99622-3
614822	Additional Information	Alphanumeric		48767-8
614823	Method	Alphanumeric		85069-3
614824	Genes Analyzed	Alphanumeric		48018-6
614825	Disclaimer	Alphanumeric		62364-5
614826	Released By	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

**Supplemental Report:**

Supplemental

**CPT Code Information:**

81321

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**Reference Values:**

An interpretive report will be provided.