
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

Customization of this panel or single gene analysis for any gene present on this 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 this gene. For more information see FMTT / Familial Mutation, Targeted Testing, Varies.

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 specimen in original tube. **Do not** aliquot.

Specimen Stability Information: Ambient (preferred) 4 days/Refrigerated

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 in Special Instructions:

-[Informed Consent for Genetic Testing](#) (T576)

-[Informed Consent for Genetic Testing-Spanish](#) (T826)

2. [Molecular Genetics: Inherited Cancer Syndromes Patient Information](#)(T519) in Special Instructions

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 (preferred)	0 hours	

Supplemental Report:

Supplemental

CPT Code Information:

81321

Reference Values:

An interpretive report will be provided.