

Reporting Title: NF1 Full Gene Analysis
Performing Location: Rochester

Ordering Guidance:
For a comprehensive hereditary cancer panel that includes the *NF1* 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

Testing for *NF1* 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 this gene. For more information 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

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 Sheet](#) (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®
614767	Test Description	Alphanumeric		62364-5
614768	Specimen	Alphanumeric		31208-2
614769	Source	Alphanumeric		31208-2
614770	Result Summary	Alphanumeric		50397-9
614771	Result	Alphanumeric		82939-0
614772	Interpretation	Alphanumeric		69047-9
614773	Resources	Alphanumeric		99622-3
614774	Additional Information	Alphanumeric		48767-8
614775	Method	Alphanumeric		85069-3
614776	Genes Analyzed	Alphanumeric		48018-6
614777	Disclaimer	Alphanumeric		62364-5
614778	Released By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

Supplemental

CPT Code Information:

81408

Reference Values:

An interpretive report will be provided.