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**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

**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 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.