

## Overview

**Method Name**

Next Generation Sequencing

**NY State Available**

Yes

## Specimen

**Specimen Type**

Whole Blood EDTA

**Specimen Required**

**Note:** Collection date and informed consent are required.

**Container/Tube:** Lavender-top (EDTA)

**Specimen Volume:** 8 mL

**Pediatric (0-3 years) Volume:** 2 mL

**Collection Instructions:**

1. Invert several times to mix.
2. Send ambient.

**Additional Information:** Higher blood volumes ensure adequate DNA quantity, which varies with WBC, specimen condition, and need for confirmatory testing. Patients aged 0 to 3 years have higher WBC, yielding more DNA per mL of blood.

**Specimen Minimum Volume**

6 mL; Pediatric (0-3 years): 1 mL

**Reject Due To**

Frozen specimens	Reject
------------------	--------

**Specimen Stability Information**

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Ambient (preferred)	10 days	
	Refrigerated	10 days	

## Clinical & Interpretive

### Clinical Information

Refer to [www.athenadiagnostics.com/view-full-catalog](http://www.athenadiagnostics.com/view-full-catalog)

### Reference Values

No mutation detected

A final report will be attached in MayoAccess.

## Performance

### PDF Report

Referral

### Day(s) Performed

Varies

### Report Available

21 to 35 days

### Performing Laboratory Location

Athena Diagnostics

## Fees & Codes

### Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their account representative. For assistance, contact [Customer Service](#).

### CPT Code Information

81406

### LOINC® Information

Test ID	Test Order Name	Order LOINC® Value
FSCN4	SCN4A (Myotonia) DNA Sequencing	Not Provided
Result ID	Test Result Name	Result LOINC® Value
FSCN4	SCN4A (Myotonia) DNA Sequencing	Not Provided