

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
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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

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