MAYO CLINIC LABORATORIES

Test Definition: FSCN4

SCN4A (Myotonia) DNA Sequencing Test

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	

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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