

Reporting Title: Huntington Disease Analysis

Performing Location: Rochester

Shipping Instructions:

Specimen preferred to arrive within 96 hours of collection.

Necessary Information:

[Molecular Genetics: Neurology Patient Information](#) or a recent clinical note is required. Testing cannot proceed without this information.

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.**

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. If not ordering electronically, complete, print, and send a [Neurology Specialty Testing Client Test Request](#) (T732) with the specimen.

Specimen Type	Temperature	Time	Special Container
Varies	Ambient (preferred)	0 hours	
	Frozen	0 hours	
	Refrigerated	0 hours	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC
52885	Result Summary	Alphanumeric		50397-9
52886	Result	Alphanumeric		53782-9
52887	Interpretation	Alphanumeric		69047-9
52888	Reason for Referral	Alphanumeric		42349-1
52889	Specimen	Alphanumeric		31208-2
52890	Source	Alphanumeric		31208-2
52891	Released By	Alphanumeric		18771-6

LOINC and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81271-HTT (huntingtin) (eg, Huntington disease) gene analysis; evaluation to detect abnormal (eg, expanded) alleles

Reference Values:

Normal alleles: <27 CAG repeats

Intermediate alleles: 27-35 CAG repeats

Reduced penetrance: 36-39 CAG repeats

Full penetrance: >39 CAG repeats

An interpretive report will be provided.