

Reporting Title: Beta Globin Cluster Locus Del/Dup
Performing Location: Rochester

Ordering Guidance:

Additional Testing Requirements:

Hemoglobin electrophoresis studies performed at Mayo Clinic Laboratories are highly recommended prior to this test to allow for more complete interpretation of results. See HBEL1 / Hemoglobin Electrophoresis Evaluation, Blood or THEV1 / Thalassemia and Hemoglobinopathy Evaluation, Blood and Serum.

Shipping Instructions:

Specimens must arrive within 4 days (96 hours) of collection.

Necessary Information:

[Metabolic Hematology Patient Information \(T810\)](#) is required; see Special Instructions. Send a completed form with the specimen. Document the reason for suspecting a large beta cluster locus deletion along with the hemoglobin F percentage and red blood cell indices for the patient.

Specimen Requirements:

Specimen Type: Whole blood

Collection Container/Tube:

Preferred: Lavender top (EDTA)

Acceptable: Yellow top (ACD)

Specimen Volume: 4 mL

Collection Instructions:

- 1. Invert several times to mix blood.
- 2. Send whole blood specimen in the original tube. **Do not aliquot.**

Specimen Stability Information: Refrigerated: 30 days; Ambient: 8 hours

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 in Special Instructions:

- [Informed Consent for Genetic Testing](#) (T576)
- [Informed Consent for Genetic Testing-Spanish](#) (T826)

2. If not ordering electronically, complete, print, and send 1 of the following forms with the specimen:

- [Metabolic Hematology Patient Information \(T810\)](#) is required.
- [Benign Hematology Test Request](#) (T755)

Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
48361	Beta Globin Cluster Locus Del/Dup	Alphanumeric		50397-9
48438	Specimen	Alphanumeric		31208-2
48362	Interpretation	Alphanumeric		69047-9
48360	Reviewed by	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

81363-HBB (hemoglobin, beta, beta-globin) (eg, beta thalassemia), duplication/deletion analysis

Reference Values:

An interpretive report will be provided.