MAYO CLINIC LABORATORIES

Test Definition: NCDA

Congenital Dyserythropoietic Anemia Gene Panel, Next-Generation Sequencing, Varies

Reporting Title: CDA Sequencing, NGS
Performing Location: Mayo Clinic Laboratories - Rochester Main Campus

Ordering Guidance:

Multiple hematology gene panels are available. For more information, see Hereditary Hemolytic Anemia Gene Panel and Subpanel Comparison.

Targeted testing for familial variants (also called site-specific or known variants testing) is available for the genes on this panel. See FMTT / Familial Variant, Targeted Testing, Varies. To obtain more information about this testing option, call 800-533-1710.

Shipping Instructions:

Necessary Information:

1. Metabolic Hematology Next-Generation Sequencing (NGS) Patient Information is strongly recommended but not required. Testing may proceed without the patient information; however, it aids in providing a more thorough interpretation. Ordering healthcare professionals are strongly encouraged to complete the form and send it with the specimen
2.If form not provided, include the following information with the test request: clinical diagnosis, pertinent clinical history (ie, complete blood cell count results and relevant clinical notes) and differentials based on any previous bone marrow studies, clinical or morphologic presentation.

Specimen Requirements:

Patient Preparation: A previous bone marrow transplant from an allogenic donor will interfere with testing. For information about testing patients who have received a bone marrow transplant, call 800-533-1710.
Specimen Type: Whole blood
Container/Tube:
Preferred: Lavender top (EDTA)
Acceptable: Yellow top (ACD)
Specimen Volume: 3 mL
Collection Instructions:
1. Invert several times to mix blood.
2. Send whole blood specimen in original tube. **Do not aliquot.**
Specimen Stability Information: Ambient (preferred) 4 days/Refrigerate 4 days
Additional Information: To ensure minimum volume and concentration of DNA are met, the requested volume must be submitted. Testing may be canceled if DNA requirements are inadequate.

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. Metabolic Hematology Next-Generation Sequencing (NGS) Patient Information (T816)
3. If not ordering electronically, complete, print, and send a Benign Hematology Test Request (T755) with the specimen.

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Specimen Type	Temperature	Time	Special Container
Varies	Varies		

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
619076	Test Description	Alphanumeric		62364-5
619077	Specimen	Alphanumeric		31208-2
619078	Source	Alphanumeric		31208-2
619079	Result Summary	Alphanumeric		50397-9
619080	Result	Alphanumeric		82939-0
619081	Interpretation	Alphanumeric		69047-9
619082	Additional Results	Alphanumeric		82939-0
619083	Resources	Alphanumeric		99622-3
619084	Additional Information	Alphanumeric		48767-8
619085	Method	Alphanumeric		85069-3
619086	Genes Analyzed	Alphanumeric		82939-0
619087	Disclaimer	Alphanumeric		62364-5
619088	Released By	Alphanumeric		18771-6

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

Supplemental Report:

Supplemental

CPT Code Information:

81479

Reference Values:

An interpretive report will be provided.