

Benign Hematology Test Request

Client Information (required) **Patient Information** (required) Patient ID (Medical Record No.) Client Name Client Account No. Patient Name (Last, First, Middle) Client Phone Client Order No. Sex Birth Date (mm-dd-yyyy) ☐ Male □ Female Address Collection Date (mm-dd-yyyy) Time City Zip Code Street Address State City State **ZIP Code Submitting Provider/Provider Name Information** (required) Phone Submitting/Referring Provider (Last, First) **Insurance Information** Fill in only if Call Back is required. Subscriber's Name (if different than patient) Phone (with area code) Fax (with area code) Patient Relationship Provider's National I.D. (NPI) ☐ Spouse ☐ Dependent ☐ Other: Medicare HIC Number (if applicable) *Fax number given must be from a fax machine that complies with applicable HIPAA regulation. Medicaid Number (if applicable) **Reason for Testing (required)** Insurance Company's Name (if applicable) Insurance Company's Street Address City State Zip Code ICD-10 Diagnosis Code Policy Number Note: It is the client's responsibility to maintain documentation of the order. **New York State Patients: Informed Consent for Genetic Testing Group Number** "I hereby confirm that informed consent has been signed by an **MCL Internal Use Only** individual legally authorized to do so and is on file with this office or the individual's provider's office." Signature Note: It is the client's responsibility to maintain documentation of the order.

Ship specimens to:

Mayo Clinic Laboratories 3050 Superior Drive NW Rochester, MN 55901

Customer Service: 855-516-8404

Visit www.MayoClinicLabs.com for the most up-to-date test and shipping information.

- · An itemized invoice will be sent each month.
- · Payment terms are net 30 days.

Call the Business Office with billing related questions: 800-447-6424 (US and Canada) 507-266-5490 (outside the US)

□ am □ pm

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CONSULTATION/MORPHOLOGY EVALUATION

□ PATHC	Pathology Consultation (submit stained slides and block)
☐ HPWET	Hematopathology Consultation, MCL Embed (submit core biopsy, clot section and bone marrow aspirate)
☐ HPCUT	Hematopathology Consultation, Client Embed (submit bone marrow aspirate and embedded core biopsy and clot section)

ERYTHROCYTES: ENZYMOPATHIES

☐ AK1	Adenylate Kinase Enzyme Activity, Blood
□ G6PD1	Glucose 6-Phosphate Dehydrogenase Enzyme Activity, Blood
☐ GPI1	Glucose Phosphate Isomerase Enzyme Activity, Blood
□ G6PDB	Glucose-6-Phosphate Dehydrogenase (G6PD) Full Gene Sequencing, Varies
□ GSH	Glutathione, Blood
☐ HAEV1	Hemolytic Anemia Evaluation, Blood
☐ HK1	Hexokinase Enzyme Activity, Blood
□ PFK1	Phosphofructokinase Enzyme Activity, Blood
□ PGK1	Phosphoglycerate Kinase Enzyme Activity Blood
☐ P5NT	Pyrimidine 5' Nucleotidase, Blood
□ PK1	Pyruvate Kinase Enzyme Activity, Blood
□ PKLRG	Pyruvate Kinase Liver and Red Blood Cell (PKLR), Full Gene Sequencing and Large Deletion Detection, Varies
□ EEEV1	Red Blood Cell (RBC) Enzyme Evaluation,

ERYTHROCYTES: GENERAL

Blood

Activity, Blood

☐ TPI1

∟ HGB_Q	Hemoglobin, Qualitative, Urine
□ PLHBB	Plasma Free Hemoglobin, Plasma
□ RTIC	Reticulocytes, Blood

Triosephosphate Isomerase Enzyme

ERYTHROCYTES: HEMOGLOBIN DISORDERS

En	ITTHNUG	T 169: HEINIUGLUDIN DISUNDENS
	REVE1	Erythrocytosis Evaluation, Whole Blood
	HBEL1	Hemoglobin Electrophoresis Evaluation, Blood
	HGBCE	Hemoglobin Variant, A2 and F Quantitation, Blood
	HAEV1	Hemolytic Anemia Evaluation, Blood
	MEV1	Methemoglobinemia Evaluation, Blood
	SDEX	Sickle Solubility, Blood
	THEV1	Thalassemia and Hemoglobinopathy

Evaluation, Blood and Serum

ERYTHROCYTES: HEREDITARY ERYTHROCYTOSIS

☐ BPGMM	2,3-Bisphosphoglycerate Mutase, Full
	Gene Sequencing Analysis, Varies

☐ REVE1 Erythrocytosis Evaluation, Whole Blood

□ EP0 Erythropoietin, Serum

☐ HEMP

Hereditary Erythrocytosis Mutations, Whole Blood

ERYTHROCYTES: IMMUNOLOGY

□ PLINK	Paroxysmal Nocturnal Hemoglobinuria, PI-Linked Antigen, Blood
□ BTR	Isoagglutinin Titer, Anti-B, Serum
□ CATR	Cold Agglutinin Titer, Serum
∟ ABYSR	Antibody Screen with Reflexed Antibody Identification, RBC

ERYTHROCYTES: MEMBRANE DISORDERS

☐ HAEV1	Hemolytic Anemia Evaluation, Blood
☐ KCNN4	KCNN4 Full Gene Sequencing, Varies
□ FRAG	Osmotic Fragility, Erythrocytes
□ RBCME	Red Blood Cell Membrane Evaluation, Blood

ERYTHROCYTES: METHEMOGLOBIN			
☐ METR1	Cytochrome b5 Reductase Enzyme Activity, Blood		
□ MET	Methemoglobin and Sulfhemoglobin, Blood		
☐ MEV1	Methemoglobinemia Evaluation, Blood		

LEUKOCTYES

	MURA	Lysozyme	(Muramidase),	Plasma
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LYMPHOCYTES

☐ VISCS

□ ALPS	Alpha Beta Double-Negative T Cells for Autoimmune Lymphoproliferative Syndrome, Blood
□ CRGSP	Cryoglobulin and Cryofibrinogen Panel, Serum and Plasma
□ ATR	Isoagglutinin Titer, Anti-A, Serum
□ LCMS	Leukemia/Lymphoma Immunophenotyping, Flow Cytometry, Varies
□ NKSP	Natural Killer (NK)/Natural Killer T (NKT

Cell Subset Panel, Blood

Viscosity, Serum

METABOLISM: MEGALOBLASTIC ANEMIA

□ F0L	Folate, Serum
□ GAST	Gastrin, Serum
□ MHCZ	Methylmalonic Aciduria and Homocystinuria, cblC Type, Full Gene Analysis, Varies
□ MHDZ	Methylmalonic Aciduria and Homocystinuria, cbID Type, Full Gene Analysis, Varies
□ MMAP	Methylmalonic Acid, Quantitative, Plasma
□ MMAS	Methylmalonic Acid, Quantitative, Serum

□ MMAU	Methylmalonic Acid, Quantitative, Urin
□ ACASM	Pernicious Anemia Cascade, Serum

Vitamin B12 and Folate, Serum

□ B12 Vitamin B12 Assay, Serum

☐ FB12

METABOLISM: METALS		
□ CERS	Ceruloplasmin, Serum	
☐ FERR	Ferritin, Serum	
□ FECHZ	Ferrochelatase (FECH) Gene, Full Gene Analysis, Varies	
□ HFE	Hemochromatosis HFE Gene Analysis, Blood	
□ FEC	Iron and Total Iron-Binding Capacity, Serum	
☐ TRSF	Transferrin, Serum	

MOLECULAR BENIGN HEMATOLOGY STUDIES

☐ NEZPP Zinc Protoporphyrin, Blood

MOLLOGEAR DEMICAL HEMATOLOGI GIODILO		
Com	ditary Hemolytic Anemia prehensive Panel, -Generation Sequencing, Varies	
□ NGCDA	Congenital Dyserythropoietic Anemic Panel, Next-Generation Sequencing, Varies	
□ NGMEM	Red Blood Cell Membrane Panel, Next-Generation Sequencing, Varies	
□ NGENZ	Red Blood Cell Enzyme Panel, Next-Generation Sequencing, Varies	
☐ KCNN4 KCN	N4 Full Gene Sequencing	

ADDITIONAL TESTS (INDICATE TEST ID AND NAME)