

1216 Sickle Cell Anemia by SNP Genotyping with Pyrosequencing

MEDICAL DIAGNOSTIC LABORATORIES

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www.mdlab.com



BRCA & Genetic Carrier Screening Test Requisition Form Ordering Physician/Laboratory **Patient Information (Please Print)** Name (Last, First) (Required) Required: Include the ordering physician's first & last name, NPI, practice name, complete address, phone number and fax number.) In Care of Patient Address: City: State Zip Date of Birth (Required): Patient ID#: Sex at Birth (Req ☐ Female ☐ Male Cell Phone Home Phone Ethnicity: Hispanic or Latino
Not Hispanic or Latino
Unknown Race: ☐ Alaska Native or American Indian ☐ Asian ☐ Black or African
American ☐ Multiracial ☐ Native Hawaiian or other Pacific Islander
☐ Other race ☐ White ☐ Does not wish to disclose ☐ Not provided Gender Identity: ☐ Male ☐ Female ☐ Gender nonconforming ☐ Tran ☐ Transgender female-to-male ☐ Does not wish to disclose ☐ Not provided ☐ Transgender male-to-female rovided ☐ Not applicable Sexual Orientation: ☐ Bisexual ☐ Straight ☐ Gay or Lesbian ☐ Something else ☐ Does not wish to disclose ☐ Not provided ☐ Not applicable Physician to receive additional result report: Physician's Signature: Date Billing Information (Please include a copy of the front & back of card.) Billing Type: Patient Insurance Client Relation (Required): Self Spouse Dependan Confirmation of Informed Consent and Medical Necessity for Pharmacogenomic Genetic Testing Insured's Name (if not patient): Insured's SS#: Insured's DOB: My signature below acknowledges the patient has been informed about the purpose, limitation and possible risks of genetic testing. The patient has been given the opportunity to ask questions about this consent and seek outside genetic counseling. Primary Insurance Carrier: Medicare, Medicaid or Policy ID#: If the genetic testing is covered by the patient's health plan and the out-of-pocket expense is less than \$150.00, testing will proceed without further delay or additional contact. The patient's signed informed consent is being provided with this requisition. I confirm that this testing is medically necessary for the specified patient and that these results will be used in the medical management and treatment decisions for this patient. Claims Address: Employer/Group Name: Group#: decisions for this patient Medical Professional Signature (Req.): Clinical Information (Necessary for accurate test interpretation of BRCA Testing) Clinical Information (required for Genetic ☐ African American/Black ☐ Asian ☐ Jewish (Ashkenazi) Screening Panels and Tests) Ethnicity: □ Caucasian ☐ Hispanic ☐ Native American Patient Previous Genetic Testing:

□ No history of Positive test: □ BRCA1 □ BRCA2 Negative test: □ BRCA1 □ BRCA2 Ethnicity (select all that apply): Northern European (e.g. British, German)
Southern European (e.g. Italian, Greek
French Canadian or Cajun ☐ No history of genetic testing South Asian (e.g. Indian, Pakistani) Hispanic Family History: Southeast Asian (e.g. Filipino, Is there a known family history of BRCA genes mutations? (Please include a copy of the family mutation report.) Yes: □ BRCA1 □ BRCA2 Vietnamese) African or African American Other/Mixed Caucasian Ashkenazi Jewish East Asian (e.g. Chinese, Japanese) Middle Eastern Is there any cancer in the family history?

No family history ☐ Yes: (please, specify below) Reason for testing (select all that apply): Genetic Carrier Testing Family History (specify below) Is relative available High-Risk Ethnicity Family Cancer Site | Age at Dx Paternal Relationship Maternal for testing?
☐Yes ☐No (if not, why?) Other (specify): Consanguinity ☐Yes ☐No (if not, why?) Egg or Sperm Donor П ☐Yes ☐No (if not, why?) Family History: П 1. Family history of genetic condition or carrier status? ☐ Yes ☐ No ☐ Unknown □Yes □No (if not, why?) 2. Specify condition: ☐Yes ☐No (if not, why?) П Personal Patient History:
Is there any cancer in the personal history? □ No history of cancer □ Yes: (please, specify below) 3. Relationship to patient or patient's partner (specify): 4. Is partner available for testing? ☐ Yes ☐ No 5. Has patient had a blood transfusion (in past 3 months) or a bone marrow/organ Personal Cancer Site Age at Dx Comments/Details ☐ Yes ☐ No transplant? Breast: ☐ IDC (invasive ductal carcinoma) ER (+)

(-) ☐ ILC (invasive lobular carcinoma) □ Bilateral ☐ Yes ☐ No 6. Is patient pregnant? PR (+) □ (-) □ ☐ DCIS (ductal carcinoma in situ) 7. Additional Information: ☐ Premenopausal HER2/neu (+) □ (-) □ ☐ LCIS (lobular carcinoma in situ) Ovarian П Pancreatic □ **Genetic Testing Specimen Information** Prostate □ Gleason Score: 2 3 4 5 6 7 8 9 10 Date Collected (Reg.) Other (specify): ☐ OneSwab® ☐ Blood □ Saliva Bone marrow transplant recipient? ☐ Yes Current diagnosis of hematological cancer? ☐ Yes Currently receiving radiation therapy/chemotherapy? Genetic Testing-OneSwab® or Whole Blood® (ACD Solution A) **BRCA Specimen Information** Date Collected (Req.): ☐ Blood □ Saliva **1231** Cystic Fibrosis Core Test by Sanger Sequencing (23 major CFTR) variants approved by ACOG/ACMG) **BRCA Test Selection** 1232
Cystic Fibrosis Comprehensive Test by Next Generation Sequencing ICD10 codes (Required.): (191 variants of the CFTR gene, including the 23 major variants approved by ACOG/ACMG) 2600 Breast Cancer High Risk Extended Panel Plus: 15 genes - (BRCA1, BRCA2, CDH1, TP53, STK11, ATM, CHEK2, PALB2, BARD1, BRIP1, RAD51C, RAD51D, NF1, NBN) by Gene Sequencing with BRCA1/2 Genetic Testing - Whole Blood® (ACD Solution A) only Deletion/Duplication Analysis ICD10 codes (Req.): **2602** Lynch Syndrome Gene Panel: 5 Genes - (EPCAM*, MLH1, MSH2, MSH6, PMS2) by Gene Sequencing with Deletion/Duplication Analysis BRCA1/2: Comprehensive BRCA Analysis by Gene Sequencing with Deletion/Duplication Analysis **1274** Genetic Carrier Screening Panel (2 genes) includes: 2601 🗌 Cystic Fibrosis Core Test (23 major CFTR variants approved by ACOG/ACMG) (CFTR) 1222
BRCA1/2: Ashkenazi Jewish 3-site Mutation Analysis Spinal Muscular Atrophy (SMN1) BRCA1/2: Ashkenazi Jewish 3-site Mutation Analysis (Reflex to Breast Cancer High Risk Extended Panel Plus) (*If the Ashkenazi Jewish 3-site Mutation Analysis is negative, reflex to 2600) 1236 Genetic Testing - OneSwab® only 1224 Gene Specific Site Analysis: ICD10 codes (Req.): Specify Gene: Variant (mutation): Other Tests/Panels: ICD10 codes (required):

For a full menu of testing, please visit www.mdlab

Medical Necessity Guidelines:

Physicians must only order tests that they have determined are medically necessary for the diagnosis and treatment of a patient. MDL offers individual tests, as well as a limited number of customized panels. MDL provides practitioners with the flexibility to choose appropriate individual tests for each specimen to assure that the convenience of ordering panels does not impede them from ordering tests/panels that are medically necessary. All tests listed in panels may be ordered individually using this test requisition form. If you choose to order a panel, please make certain that each and every test is medically necessary. If you check off a panel as your choice, MDL understands that the physician has determined that all of the component tests are medically necessary, and will perform, report and bill for all such component tests.

** This test can only be performed when the test in parenthesis is positive. All tests performed will be billed. Test by Real-Time PCR unless otherwise specified. OneSwab® & UroSwab® are registered in the USPTO.

Specimen C	ollection Platform	TAT*	Stability	Test Additions [*]	Specimen Collection
Whole Blood	Yellow Top Tube (ACD Solution A)	3-5 days	48 hours	30 days to add tests	 In accordance with the standard operating procedure of your facility, collect blood in two yellow top (ACD solution A) tubes. Allow the tubes to fill properly to ensure the proper blood to anticoagulant ratio. Invert gently several times to mix and prevent clot formation. Do not shake the tubes. Do not centrifuge.
					Vigorously rinse mouth with clean water 5 minutes prior to specimen collection (30 minutes prior is ideal). After rinsing, do not brush teeth, use mouthwash, eat, drink, chew gum or smoke prior to sample collection.
Saliva		5 - 10 days	48 hours	30 days to add tests	Begin collecting your sample by allowing saliva to pool in your mouth. Then spit into the wide funnel of the tube allowing saliva to collect in the upper chamber of the tube. Fill the tube until the amount of saliva (not bubbles) reaches the fill line as shown.
					Once filled, unscrew the funnel allowing the saliva to flow into the lower chamber of the tube containing the stabilizing solution. Discard the funnel. Use the blue cap to close the tube tightly.
					Shake the capped tube for 5 seconds.
OneSwab®	OneSwab" 19	24 - 72 hours	7 days	30 days to add tests	Collect specimen with the sterile swab provided. Insert swab into the transport media, break off swab handle, and tightly re-secure the cap on the transport media vial.

^{*} Up to 72 hours with reflex/antiobiotic resistance testing

OneSwab® is registered in the USPTO

Specimen Packaging:

- 1. Label every vial with a minimum of 2 patient identifiers including the patient's name and date of birth. Be sure the name on the vial is written exactly the same way as on the test requisition form.
- 2. Place the vial into the Styrofoam/Cardboard container. You can fit up to 3 vials in one container.
- 3. Place the Styrofoam/Cardboard container into the central pocket of a biohazard bag containing absorbent material.
- 4. Place a completed test requisition form for each vial in the front pocket of the biohazard bag.
- 5. Place the biohazard bag into the prepaid Lab pack Envelope that has a preaddressed airbill attached. One envelope will accommodate 6-7 containers. Package as many containers in one Labpack as possible.
- 6. Be sure to seal the Lab pack by removing the plastic from the top of the adhesive.

Specimen Pick-up:

- If you have a specimen pick-up for a local courier in the NJ, PA, DE, D.C., MD, VA, KS, MO or Phoenix, AZ area, please call (877) 205-0005 no later than 2 hours prior to the closing of your facility.
- If you have a specimen pick-up, please call your sales representative or MDL customer service at 877.269.0090 no later than 2 hours prior to the closing
 of your facility.

Helpful Hints Checklist

Please review these helpful hints to reduce specimen discrepancies and enhance turnaround time.

Verify Patient Name - did you:

- ✓ attach the correct demographics sheet?
- ✓ write the patient's name on the requisition form?

Patient Name Matches on Vial & Requisition Form- did you:

- ✓ make sure names on vial and requisition form match?
- ✓ list the patients married or maiden name?
- ✓ list a nickname by mistake?

Verify Date of Collection- did you:

- ✓ write the correct year?
- ✓ write the correct month?
- ✓ list the date of birth instead?

Verify Tests- did you:

- ✓ clearly mark each box?
- ✓ order tests appropriate for the specimen type?

No Tests Ordered- did you:

✓ mark the boxes for the tests/panels ordered?

Supply Orders:

Easily place supply orders online by visiting our website:



http://www.mdlab.com/physicians/supplies/#

Supply orders may also be placed by contacting our Client Services department toll free 877.269.0090 or by fax 609.570.1050. Supply requests are processed and shipped on a daily basis. Please allow 3 to 5 business days for delivery, depending upon your location.

MDL Contact Information	TOLL	FAX
GBS Hotline 24 hours - 7 days a week Group B Strep & HSV results only	877.MDL.GBS7 877.635.4277	
Quality Control Department For Technical Assistance	877.269.0090	609.245.7665
Client Services General Questions, Results	877.269.0090	609.570.1050
Client Services Billing Questions	877.333.9233	609.245.7683

^{*}Pending QC review for sufficient specimen volume