

International Molecular Testing Requisition

Required information highlighted in **RED**.

Grifols Laboratory Solutions Inc. 201 Carlson Circle San Marcos, Texas 78666 USA Tel: +1 (833) 504-1609 Fax: +1 (512) 749-1677 infolab@grifols.com

Provider/Client Information

| Facility Name: | | | Account # | (SAP): | | | | |
|--|--|---|---|--|---|---|---|--|
| Address: | | | Address #2/Facility Unit: | | | | | |
| City: | State: | | | Zip: | | | | |
| Ordering Physician: | | | Email for R | eports: | | | | |
| Phone: | Fax: | | Email Repo | ort Copy to: | | | | |
| Patient/Sample Source | e Information | | | | | | | |
| First Name: | • | | DOB (MM/DD/YYYY): | | | | | |
| MRN: | Unique ID: | Collection Date | e (MM/DD/Y | YYY): | Gen | der: 🗆 Male | □ Female | □ Other |
| Sample Type: ☐ Buccal Swab | ☐ Whole Blood ☐ DNA | Race: □ Whit | e 🗆 Black | ☐ Asian/Pacifi | c 🗆 Hispanic 🗆 |] North Ameri | can Native | ☐ Other |
| (a) the services are medically necessary make available patient medical records the patient regarding this testing and t | molecular testing from Grifols Laboratory Solut y and will assist me in treating my patient, (b) I documenting the foregoing, (c) I have supplie the patient has consented to genetic testing. R solely responsible for confirming that legally ef | maintain and will d information to egarding patient | state law. By o is in place and signed statem | rdering a test from G that test results will ents on file from the | e patient or his/her auth rifols Laboratory Soluti be used and disclosed patient and in accorda o release data to other | ions Inc, the physic d only in accordan ince with your prac | cian certifies that ce with applica ctice or institut | at this consent ble law. I have ion permitting |
| First Name: | Last Name: | | | | Provider 10-Digi | t NPI #: | | |
| Provider Signature: | | | | | Date (MM/DD/Y | YYY): | | |
| Clinical Profile Pregnant: | A # of Previous pregnancies: | | | transfusion (MM, ant? □ Yes □ | /DD/YYYY): No If Yes, Date (| | # of RBC un ⁄): | iits: |
| Billing/Insurance Infor | rmation PO#: ease include any relevant clinical information | n, medications, etc |) | | | | | |
| | | | | | | | | |

Test Orders:

- ☐ BGG Navigator Panel

 Molecular Genotype (and predicted phenotype) for 37 RBC antigens
 - Pre-treatment with mAB therapy (CD38/47)
 - Prospective antigen matching for multiply transfused patients with hemoglobinopathies (e.g. Sickle Cell)
 - Serologic testing complications due to recent transfusion or autoantibodies

Blood Group Gene Sequencing

- ☐ RhD variants including weak D types 1,2,3,4
- RhD discrepancies
- RhD status for RhIG eligibility
- RhD+ with anti-D
- ☐ RhD zygosity
- ☐ RhCE variants

ABO Gene Sequencing

- $\hfill\square$ Resolve ABO blood grouping discrepancies
- ☐ Subgroup of A transplant eligibility

Human Platelet Antigen Genotyping

- ☐ HPA-1a/b • FNAIT
- ☐ HPA-1, 2,3,4,5,6,9,15
 - Alloimmune thrombocytopenia
- ☐ HPA Panel (1-11,15)
 - Platelet refractoriness

Other Testing Services

GRIFOLS

Ordering, Sample Handling, and Shipping Instructions

Grifols Laboratory Solutions Inc. 201 Carlson Circle San Marcos, Texas 78666 USA Tel: +1 (833) 504-1609 Fax: +1 (512) 749-1677 infolab@grifols.com

Registration and Ordering Kits

If this is your first time sending us a sample, please contact us to register an account and to request a Sample Collection kit.

- To contact us: **email** infolab@grifols.com, **call** +1 (833) 504-1609, **or visit** diagnostic.grifols.com, click the link for "Testing Services" and follow the instructions.
- We will email you your credentials and log-in for our Path-tec portal: spectrapath.grifols.com.
- Expect your kit to arrive in one to five business days. Store kit at room temperature.

2 Sample Collection and Storage

Collect the patient sample and complete the requisition form from the kit. Keep a copy for your records. Be sure to follow collection instructions for each test, since kits and instructions vary.

- MANDATORY: Each specimen tube MUST be labeled with two unique patient identifiers.
- Please see sample-handling requirements, detailed below. If you plan to submit isolated nucleic acid/extracted DNA samples, we can only accept those prepared in a CLIA-certified laboratory or equivalent. Please provide the lab's CLIA number.
- If you are not using kits provided by Grifols Laboratory Solutions Inc., please download requisition forms at diagnostic.grifols.com; click on the link for "Testing Services," and follow the instructions. Keep a copy for your records.
- For other sample types not listed below, or if you need help, please contact us at: infolab@grifols.com, call: +1 (833) 504-1609

| SPECIMEN | VOLUME/AMOUNT | CONTAINER | ADDITIONAL INFORMATION |
|-------------|--|--|--|
| Whole Blood | > 2mL | EDTA collection tube (lavender or pink top) | Samples can be stored refrigerated (2 to 8°C). Do not freeze. Samples must be received at GLS within 7 days after collection. |
| Genomic DNA | 3 µg at ≥ 20 ng/µL A_{260}/A_{280} : 1.65-1.95, A_{260}/A_{230} ≥ 1.5 | 1.5 mL micro-centrifuge tube, Eppendorf preferred | DNA must be dissolved in water or a low-salt buffer. Samples can be stored frozen, refrigerated (2 to 8°C), or at room temperature (15 to 24°C) for up to 7 days. Samples must be received at GLS within 14 days after collection. |
| Buccal Swab | DNA yield must be greater than or equal to 20 ng/ μ L. Samples with a DNA yield of less than 20 ng/ μ L or contaminated with food or other substances must be recollected. | oracollectDx* OCD-100 | Follow instructions on the package label. Store at ambient room temperature (15 to 24°C). Samples must be received at GLS within 14 days after collection. |

3 Sample Preparation for Shipping

Follow the sample preparation directions provided for shipping to Grifols Laboratory Solutions Inc.

- Insert the labeled tube(s) into the absorbent holder. Place up to five tubes into the biohazard bag and securely seal.
- Insert the Requisition Form(s) into the outside pouch of biohazard bag.
- Place the biohazard bag inside the insultote provided and then the insultote inside the box.
- Secure your box and place the box in the return envelope provided with your kit (clinical pack).
- Seal the envelope and schedule the recommended courier pick-up so the sample arrives at Grifols Laboratory Solutions Inc. on a business day.
- Contact us if special handling is needed.

| SPECIMEN | CONDITIONS | |
|-------------|---|--|
| Whole Blood | Samples should be shipped priority overnight; refrigerated (2 to 8° C) or at room temperature (15 to 24° C) . | |
| Genomic DNA | Samples should be shipped priority overnight; frozen, refrigerated (2 to 8°C), or at room temperature (15 to 24°C). | |
| Buccal Swab | Samples can be shipped at room temperature (15 to 24°C). | |