

## DIL — TEST REQUISITION FORM

**Patient Information** MUST BE RECEIVED MONDAY – FRIDAY WITHIN 1 DAY OF COLLECTION UNLESS OTHERWISE INDICATED

Patient Name (Last, First) \_\_\_\_\_, \_\_\_\_\_ Date of Birth: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_

Medical Record Number: \_\_\_\_\_ Collection Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time of Sample: \_\_\_\_\_

Gender: Male Female Relevant Medications: \_\_\_\_\_

BMT: Yes — Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ No Unknown Diagnosis/reason for testing: \_\_\_\_\_

**TESTS OFFERED: MAX VOLUME LISTED IS THE PREFERRED WHOLE BLOOD VOLUME**

Alemtuzumab Plasma Level	2 – 3 mL Sodium Heparin See #5 on page 2	Mitogen Stimulation	See #1 on page 2
ALPS Panel by Flow Need CBC/Diff result	1 – 3 ml EDTA, See #2 on page 2	Neopterin, Plasma or CSF	1 – 3ml EDTA or 0.5-1ml CSF, See #3 or #4 on page 2
Antigen Stimulation	See #1 on page 2	Neutrophil Adhesion Mrks: CD18/11b	1 – 3ml EDTA
Apoptosis (Fas, mediated) <i>Note: Only draw Apoptosis on Wed. for Thurs. delivery</i>	10 – 20 mL Sodium Heparin	Neutrophil Oxidative Burst (DHR)	1 – 3ml EDTA
B Cell Panel <i>Need CBC/Diff result</i>	1 – 3ml EDTA, See #2 on page 2	NK Function (STRICT 28 HOUR CUT-OFF)	See #1 on page 2
BAFF	1 – 3ml EDTA, See #4 on page 2	Perforin/Granzyme B	1 – 3ml EDTA
CD40L / ICOS	3 – 5ml Sodium Heparin	pSTAT5	1 – 3ml EDTA
CD45RA/RO	1 – 3ml EDTA	S100A8/A9 Heterodimer	2 (0.3mL) Gold serum aliquots, frozen w/in 4 hours of collection
CD52 Expression	1 – 3ml EDTA	S100A12	2 (0.3mL) Gold serum aliquots, frozen w/in 4 hours of collection
CD107a Mobilization (NK Cell Degran) <i>Note: Only draw CD107a Mon. – Wed.</i>	See #1 on page 2	SAP (XLP-1) and XIAP (XLP-2) <i>(XIAP and SAP are now combined in one assay; the tests are no longer offered independently)</i>	1 – 3ml Sodium Heparin
CTL Function	See #1 on page 2	Soluble CD163	1 – 2ml EDTA, See #4 on page 2
CXCL9	2 (0.5ml) EDTA plasma aliquots, frozen w/in 8 hours of collection	Soluble Fas-Ligand (sFasL)	1 – 3ml EDTA/Red/Gold, See #4 on page 2
Cytokines, Intracellular	2 – 3ml Sodium Heparin	Soluble IL-2R (Soluble CD25)	1 – 3ml EDTA, See #4 on page 2
Cytokines (Circle One): Plasma or CSF <i>Includes: IL-1b, 2, 4, 5, 6, 8, 10, IFN-g, TNF-a, and GM-CSF</i> <i>If sending frozen, 2 (0.5mL) EDTA plasma aliquots frozen, preferred</i>	3 – 5ml EDTA or 0.5-1ml CSF See #3 or #4 on page 2	T Cell Degranulation Assay <i>Note: Only draw T Cell Degran Mon. – Wed.</i>	See #1 on page 2
Foxp3 <i>Need CBC/Diff result</i>	1 – 3ml EDTA, See #2 on page 2	TCR $\alpha/\beta$ TCR $\gamma/\delta$	1 – 3mL of Sodium Heparin <i>(Please note: acceptable specimen type is Sodium Heparin, effective 7/26/2021.)</i>
GM-CSF Autoantibody (GMAb)	1 – 3ml Red/Gold, See #4 on page 2	TCR V Beta Repertoire	2 – 3ml EDTA
GM-CSF Receptor Stimulation	1 – 3ml Sodium Heparin	Th-17 Enumeration	2 – 3ml Sodium Heparin
iNKT	1 – 3ml EDTA	WASP	1 – 3ml Sodium Heparin
Interleukin-6, CIA (IL-6 CIA)	1 – 3ml EDTA, See #4 on page 2	WASP Transplant Monitor	1 – 3ml Sodium Heparin
Interleukin-18 (IL-18) <i>If sending frozen, 2(0.3mL) red/gold serum aliquots frozen, preferred</i>	3ml Red/Gold, See #4 on page 2	XIAP (XLP-2) and SAP (XLP-1) <i>(XIAP and SAP are now combined in one assay; the tests are no longer offered independently)</i>	1 – 3ml Sodium Heparin
Interferon-alpha (IFN-alpha)	1 – 3ml EDTA/Red/Gold, See #4 on page 2	ZAP-70 (only for SCID)	1 – 3ml EDTA
Interferon-beta (IFN-beta)	1 – 3ml EDTA/Red/Gold, See #4 on page 2	Other: _____	
Lymphocyte Activation Markers	2 – 3ml Sodium Heparin		
Lymphocyte Subsets	1 – 3ml EDTA		
MHC Class I & II	1 – 3ml EDTA		

**REFERRING PHYSICIAN** **BILLING & REPORTING INFORMATION**

Physician Name (print): \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_  
Email: \_\_\_\_\_  
Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_  
Referring Physician Signature \_\_\_\_\_

**We do not bill patients or their insurance. Provide billing information here or on page 2.**  
Institution: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/State/ZIP: \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_

**NOTE: PLEASE SEE IMPORTANT TEST REQUIREMENT INFORMATION ON PAGE 2.**

**FOR LABORATORY USE ONLY** Received by: \_\_\_\_\_

### ADDITIONAL BILLING INFORMATION – CONTINUED FROM PAGE 1

Institution: \_\_\_\_\_  
Address: \_\_\_\_\_  
City/State/ZIP: \_\_\_\_\_ Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_  
Contact Name: \_\_\_\_\_  
Phone: (\_\_\_\_\_) \_\_\_\_\_ Fax: (\_\_\_\_\_) \_\_\_\_\_ Email: \_\_\_\_\_

### SEND ADDITIONAL REPORTS TO:

Name: \_\_\_\_\_ Name: \_\_\_\_\_  
Fax Number: \_\_\_\_\_ Fax Number: \_\_\_\_\_

### \*\*IMPORTANT TEST REQUIREMENT INFORMATION\*\*

1. 5–10ml Sodium Heparin blood per test should be adequate for most patients unless they are lymphopenic. If you have volume constraints or an absolute lymphocyte count (ALC) of <1.0 K/uL, please see the Customized Volume Sheet on our website ([www.cchmc.org/DIL](http://www.cchmc.org/DIL)) or call for adjusted volume requirements for the following tests: Antigen Stimulation, Mitogen Stimulation, CTL Function, NK Function, CD107a, or T Cell Degran.
2. Results of a concurrent CBC/Diff must accompany ALPS Panel, B Cell Panel, or Foxp3. (Results will be used to calculate absolute cell counts)
3. CSF Samples:
  - a) Fresh Specimens: Ship with frozen ice packs to keep at refrigeration temp (2–8°C/35–46°F) for receipt within 48 hours of collection.
  - b) Frozen Specimens: Freeze within 48 hours of collection. Ship samples frozen on dry ice.
4. Specimen Processing and Shipping Instructions **only** for tests marked with “See #4”:
  - a) Unspun whole blood: Ship as unspun whole blood at Room Temperature (20–25° C) for receipt within **24 hours** of collection.
  - b) Spun Specimens: Spin and remove serum/plasma from cells within **24 hours** of collection. Freeze separated plasma/serum immediately. Ship frozen on dry ice. Once separated from cells, the serum/plasma must stay frozen until received by the DIL. Thawed samples will be rejected.
5. Specimen Processing and Shipping Instructions **only** for tests marked with “See #5”:
  - a) Unspun whole blood: Ship as unspun whole blood at Room Temperature (20–25° C) for receipt within **5 days** of collection. *Chilled specimens will be rejected.*
  - b) Spun Specimens: Spin at 2000 g for 10 minutes and remove test-required plasma from cells in 500 µL aliquots within 5 days of collection. Freeze separated plasma immediately. Two aliquots are preferred. Ship frozen on dry ice. Once separated from the cells, the plasma must remain frozen until received by the DIL. *Thawed samples will be rejected.*

#### Additional Information

- Samples should be sent as whole blood at room temperature and received in our laboratory within 1 day of collection, unless otherwise indicated.
- First Overnight shipping is strongly recommended. Please call or fax the tracking number so that we may better track your specimen.

#### Laboratory Hours

- The laboratory operates Monday through Friday, 8 am – 5 pm (Eastern Standard Time). We cannot accept deliveries on Saturdays, Sundays, and certain holidays.
- Please refer to the Clinical Lab Index for test-specific information including sample stability criteria and acceptable date/time arrival within operating hours.

#### Billing / Shipping / Handling

- The institution sending the sample is responsible for payment in full.
- Samples should be sent at room temperature unless otherwise indicated. Package securely to avoid breakage and extreme weather conditions. Please include a completed copy of our test requisition form with each sample. We recommend using a Diagnostic Specimen pack to ensure proper processing and timely delivery of samples to the lab.
- Samples must be received in our laboratory within 1 day of collection, unless otherwise indicated. Plan the draw and shipping accordingly. First Overnight is strongly recommended.
- Please call the laboratory or fax the information of the name of the courier and tracking number of the package.

#### Questions?

Please call 513-636-4685 with any questions regarding collection or billing.

**\*\*THE REQUISITION MUST BE FILLED OUT COMPLETELY. INCOMPLETE FORMS MAY RESULT IN THE COMPROMISE OF THE SPECIMEN INTEGRITY WHILE THE MISSING INFORMATION IS BEING OBTAINED\*\***

Visit our Clinical Lab Index at [www.testmenu.com/cincinnatichildrens](http://www.testmenu.com/cincinnatichildrens) for detailed processing information.