



Specimen Transport Guide

COLLECTION GUIDELINES

TEST NAME	TEST CODE	COLLECTION TUBE	VOLUME (mL)*		SPECIMEN ACCEPTABLE (FOR ARRIVAL)		TURNAROUND APPROX. (business days)
			RECOMMENDED	MINIMUM	DAY	TIME **	
ABSOLUTE T4	AT4	NaHeparin (green top)	4	1	M-F	1pm	3-5
AUTOIMMUNE LYMPHOPROLIFERATIVE	AILYMP	NaHeparin (green top)	4	1	M-F	1pm	3-5
BRUTON'S TYROSINE KINASE	BTK	NaHeparin (green top)	6	2	M-F	1pm	3-5
COMMON VARIABLE IMMUNODEFICIENCY	CVID	NaHeparin (green top)	4	1	M-F	1pm	3-5
CYTOKINE-IBD	CYTIBD	NaHeparin (green top)	10	4	M-Th F	1pm 9am	up to 30 days
CYTOTOXICITY/APOPTOSIS	CYTAPO	NaHeparin (green top)	20	10	M-Th F	1pm 9am	3-5
FUNCTIONAL ASPLENIA/HJB DETECTION	FAHJB	EDTA (purple top)	4	1	M-F	1pm	7-10
HYPER IGM	HIGM	NaHeparin (green top)	6	4	M-Th F	1pm 9am	3-5
MENDELIAN SUSCEPTIBILITY TO MYCOBACTERIAL DISEASES	MSMD	NaHeparin (green top)	10	6	M-Th	9am	3-5
NEUTROPHIL PHENOTYPE FUNCTION	NPF (NEUOXB)	NaHeparin (green top)	4	1	M-F	1pm	3-5
PERFORIN GRANZYME	PERGRA	NaHeparin (green top)	6	2	M-F	1pm	3-5
PRIMARY IMMUNODEFICIENCY 1	PID1	NaHeparin (green top)	4	1	M-F	1pm	3-5
PRIMARY IMMUNODEFICIENCY 2	PID2	NaHeparin (green top)	4	1	M-F	1pm	3-5
STAT GAIN-OF-FUNCTION	SGOF	NaHeparin (green top)	10	6	M-F	9am	3-5
T CELL INTERLEUKIN PROLIFERATION	TINTL	NaHeparin (green top)	10	6	W-F	1pm	7-10
T CELL MITOGEN PROLIFERATION	TMITO	NaHeparin (green top)	10	6	W-F	1pm	7-10
T HELPER IL17 (NOT to be collected on patients < 1 year of age)	THIL17	NaHeparin (green top)	10	6	M-Th	1pm	3-5
TOLL-LIKE RECEPTOR/XIAP	TLREC/XIAP	NaHeparin (green top)	6	2	M-Th F	1pm 9am	3-5
T REGULATORY – FOXP3	TREG	NaHeparin (green top)	10	6	M-Th F	1pm 9am	3-5
X-LINKED LYMPHOPROLIFERATIVE SYNDR.	XLP	NaHeparin (green top)	10	6	M-Th F	1pm 9am	3-5
LIPOPOLYSACCHARIDE-RESPONSIVE BEIGE-LIKE ANCHOR PROTEIN	LRBA	NaHeparin (green top)	4	1	M-F	1pm	3-5
NADPH OXIDASE COMPLEX	PHOX	NaHeparin (green top)	4	1	M-F	1pm	3-5

* For some of our tests, we cannot provide an exact volume of blood that will be sufficient for testing due to the fact that we often use PBMCs generated from the PB, so it is dependent upon the ALC of the patient. The recommended volume is based on the amount we would need on a patient with a normal ALC, but we cannot guarantee a volume will be sufficient until we start to process the sample.

** Specimen acceptable TIME refers to the cutoff for arrival in our lab on the final day listed as acceptable.

- Specimens must be **RECEIVED** by the Clinical Immunodiagnostic and Research Lab within **TWO BUSINESS DAYS** of collection for all tests **EXCEPT the SGOF and FAHJB, those specimens must be received within 24 hours**, keeping in mind the specific days/times of acceptability for each test listed in the chart above. For best results, we recommend that you send samples as soon as possible following collection.
- Specimens are to be peripheral blood, collected in Sodium Heparin (green top) tubes, EXCEPT for test FAHJB, which should be collected in EDTA (purple top) tubes.
- Proper labeling of specimen tube should include:
 - Patient's First and Last name (spelled correctly)
 - Medical Record #/Unique identifier
- IDENTICAL information must be provided between the specimen collection tubes and the submitted requisition form (CIRL req form available on website)
- Each specimen must be provided with a **COMPLETED** Clinical Immunodiagnostic and Research Laboratory requisition form.
- To ensure a complete and timely report, please provide a CBC/Differential **RESULT** on the patient (preferably from the same collection) for the indicated tests on the requisition form.
- The lab does NOT bill third parties. Therefore, please be sure to provide complete institutional billing information.

SHIPPING AND HANDLING

1. Specimens are to be shipped first priority overnight, for earliest delivery. (FEDEX: First Priority Overnight) (UPS: Next Day Air Early A.M.)
2. **PLEASE CALL the Clinical Immunodiagnostic and Research Lab at 414-955-4165 with tracking #.**
3. Follow DOT and IATA requirements for shipping diagnostic specimens.
4. Specimens are to be shipped at ROOM TEMPERATURE. We recommend using insulated shipping containers.
5. All delivery carriers deliver to the Medical College of Wisconsin LOADING DOCK
 - LOADING DOCK is located off of Watertown Plank Road between 87th and 92nd streets.
 - **MEDICAL COLLEGE OF WISCONSIN LOADING DOCK HOURS ARE 7am TO 3:30pm; MON-FRI ONLY; CLOSED ON WEEKENDS AND HOLIDAYS INCLUDING THE FRIDAY AFTER THANKSGIVING AND CHRISTMAS EVE**

SPECIMEN DELIVERY ADDRESS:

Medical College of Wisconsin
Clinical Immunodiagnostic and Research Laboratory
MACC Fund Research Center, Room 5072
8701 W. Watertown Plank Road
Milwaukee, WI 53226

Effective: 1/2024