

Guidelines for Investigators Requesting Mononuclear Cells (MNC)

Form # 08-13

MNC Apheresis Collections (e.g. monocytes, lymphocytes, mononuclear, and dendrite cells)

Research apheresis procedures require local IRB approval; Joint Program in Transfusion Medicine (JPTM) faculty can assist you with your protocol submission.

1-2 Total blood volume apheresis procedure (approximate 4 hours) or

3 Total blood volume apheresis procedure (approximate 5-7 hours)

Time is approximate time donor will be in the blood donor center

A. Collection of cells from an Autologous donor that may or may not be reinfused into a human recipient:

Investigator Responsibilities	Kraft Family Blood Donor Center (KFBDC) Responsibilities
1) Obtain IRB approval for collection ensuring <i>risk of leukapheresis</i> are included in the consent. Templated language is available from KFBDC. 2) Provide copy of IRB protocol and consent to Blood Donor Center email: BWH BDC Research@partners.org	Email required forms for completion by the research group.
<ul style="list-style-type: none"> • Schedule vein check at least one week prior to scheduled collection appointment. 	Vein check is necessary to ensure the donor has adequate veins to perform the collection procedure. This should be done at least <u>one week</u> prior to the collection procedure.
Complete the following forms and FAX (617-632-6285) to KFBDC prior to the day of collection: <ul style="list-style-type: none"> • # 08-12 "Research MNC Billing / Order Form" <i>if BOE is NOT in Epic</i> • # 16-07 "Summary of MNC Research Collection Protocol" • # 08-15 "Informed Consent for Leukapheresis Collection" (<i>only if risk of collection procedure is not in IRB</i>) • #08-14 "Autologous Donor Evaluation Statement" (<i>within 42 days, or complete in Epic</i>) • History and Physical in donor's medical record prior to day of collection (<i>do not need to fax</i>) 	Blood Bank MD or designee will perform an apheresis suitability evaluation of the patient's chart 2 weeks prior to collection appointment. Blood Bank MD or designee will write daily collection orders for mono-nuclear cell collection procedure in the electronic order entry system.

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Investigator Responsibilities	KFBDC Responsibilities
Provide donor with: <ul style="list-style-type: none"> • #08-16 “Leukapheresis Donor Information” (optional if donor education already performed by research team) 	Email the form.
Pick up product after collection unless products will be processed in Cell Manipulation Core Facility (CMCF).	Label product; verify product release to investigator or CMCF.

B. Collection of cells from an Allogeneic donor that will be reinfused into a human recipient:

All of the above in Section- A and in-addition to the following:

Investigator Responsibilities	KFBDC Responsibilities
Allogeneic Donors: <ul style="list-style-type: none"> • Form #08-20 HPC/MNC Health History Questionnaire • Form #08-19 Declaration of Urgent Medical Need, if donor is ineligible • Pre-screen IDM results if required by the protocol 	Email the required forms to be completed.