

Reporting Title: DHR Flow, B**Performing Location:** Mayo Clinic Laboratories - Rochester Superior Drive**Shipping Instructions:**

[Testing is not performed on Saturday, Sunday, or observed holidays. Only collect and ship specimens for arrival on days when testing is performed.](#)

Specimens received on days when testing is not performed or after 5 p.m. Central on Friday will be canceled if specimen is outside of stability when testing is next performed.

Collect and package specimen as close to shipping time as possible. Ship specimen overnight in an Ambient Shipping Box-Critical Specimens Only (T668) following the instructions in the box. It is recommended that specimens arrive within 24 hours of collection.

Necessary Information:

Ordering healthcare professional name and phone number are required.

Specimen Requirements:

Two whole-blood sodium heparin specimens are required, one from the testing patient and the other from an unrelated healthy donor as a control.

Supplies: Ambient Shipping Box-Critical Specimens Only (T668)

Patient:

Container/Tube: Green top (sodium heparin)

Specimen Volume: 5 mL

Collection Instructions: Send whole blood specimen in original tube. **Do not aliquot.**

Normal Control:

Container/Tube: Green top (sodium heparin)

Specimen Volume: 5 mL

Collection Instructions:

1. Collect a control specimen from the unrelated healthy donor within an hour of the patient's specimen collection time.
2. Clearly label as **Normal Control** on the outermost label.
3. Send the whole blood specimen in the original tube. **Do not aliquot.**
4. Rubber band patient specimen and control vial together.

Specimen Type	Temperature	Time	Special Container
WB Sodium Heparin	Ambient	48 hours	GREEN TOP/HEP

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
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ANC	Absolute Neutrophil Count	Unknown	cells/mcL	751-8
PMAP	% PMA ox-DHR+	Unknown	%	85376-2
PMAM	MFI PMA ox-DHR+	Unknown	MFI	85374-7
FMPPP	% fMLP ox-DHR+	Unknown	%	85373-9
FMPM	MFI fMLP ox-DHR+	Unknown	MFI	85370-5
ANCC	Control Absolute Neutrophil Count	Unknown	cells/mcL	85369-7
PMAPC	Control % PMA ox-DHR+	Unknown	%	85377-0
PMAMC	Control MFI PMA ox-DHR+	Unknown	MFI	85375-4
FMPPC	Control % fMLP ox-DHR+	Unknown	%	85372-1
FMPMC	Control MFI fMLP ox-DHR+	Unknown	MFI	85371-3
DHRI	Interpretation	Alphanumeric		69052-9

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:

No

CPT Code Information:

86352 x2

Reference Values:

Result name	Unit	Cutoff for defining normal
% PMA ox-DHR+	%	> or =95%
MFI PMA ox-DHR+	MFI	> or =60
% fMLP ox-DHR+	%	> or =10%
MFI fMLP ox-DHR+	MFI	> or =2
Control % PMA ox-DHR+	%	> or =95%
Control MFI PMA ox-DHR+	MFI	> or =60
Control % fMLP ox-DHR+	%	> or =10%
Control MFI fMLP ox-DHR+	MFI	> or =2

PMA = phorbol myristate acetate

DHR = dihydrorhodamine

MFI = mean fluorescence intensity

fMLP = N-formyl-methionyl-leucyl-phenylalanine

The appropriate age-related reference values for Absolute Neutrophil Count will be provided on the report.