

Overview
Useful For

Detecting disease states or syndromes of the white blood cells, red blood cells, or platelet cell lines of a patient's peripheral blood

Additional Tests

Test ID	Reporting Name	Available Separately	Always Performed
PBPC	Peripheral Blood	No, (Bill Only)	Yes

Method Name

Only orderable as a reflex. For more information see SPSM / Morphology Evaluation (Special Smear), Blood.

Manual-Microscopic Examination

NY State Available

No

Specimen
Specimen Type

Whole Blood EDTA

Specimen Required

Only orderable as a reflex. For more information see SPSM / Morphology Evaluation (Special Smear), Blood.

Container/Tube: Slides

Specimen Volume: 5 Unstained, well-made peripheral blood smears (fingerstick blood)

Collection Instructions: If peripheral blood smears (fingerstick blood) is not available, a smear from EDTA blood will be accepted.

Additional Information: Include complete blood count results (if available) and reason for referral.

Reject Due To

No specimen should be rejected.

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole Blood EDTA	Ambient (preferred)		
	Refrigerated		

Clinical and Interpretive

Clinical Information

Under normal conditions, the morphology and proportion of each blood cell type is fairly consistent in corresponding age groups. The morphology and proportion of each blood cell type may change in various hematologic diseases. Differential leukocyte count/special smear evaluation is helpful in revealing the changes in morphology or proportion of each cell type in the peripheral blood.

Reference Values

Only orderable as a reflex. For more information see SPSM / Morphology Evaluation (Special Smear), Blood.

Interpretation

[The laboratory will provide an interpretive report of percentage of white cells and, if appropriate, evaluation of white cells, red cells, and platelets.](#)

Cautions

A poorly feathered peripheral smear may result in less than optimal interpretation.

Clinical Reference

1. Lotspeich-Steininger CA, Steine-Martin EA, Koepke JA: Clinical Hematology: Principles, procedures, correlations. JB Lippincott Company; 1998:88-106:317-356
2. Rose G, Reinhard HH, Kahwash SB: Is this a blast? An illustrated practical review on peripheral blood smear examination in the paediatric patient. Malays J Pathol. 2020 Apr;42(1):37-49

Performance

Method Description

Microscopic examination of a Wright-stained smear.(Unpublished Mayo method)

PDF Report

No

Day(s) Performed

Monday through Sunday

Report Available

1 day

Performing Laboratory Location

Rochester

Fees and Codes

Fees

- Authorized users can sign in to [Test Prices](#) for detailed fee information.
- Clients without access to Test Prices can contact [Customer Service](#) 24 hours a day, seven days a week.
- Prospective clients should contact their Regional Manager. For assistance, contact [Customer Service](#).

Test Classification

Not Applicable

CPT Code Information

85060

LOINC® Information

Test ID	Test Order Name	Order LOINC Value
PINTP	Peripheral Smear Interpretation	14869-2

Result ID	Test Result Name	Result LOINC Value
71447	Interpretation	14869-2
71442	Participated in the Interpretation	No LOINC Needed
71443	Report electronically signed by	19139-5
71832	Case Number	80398-1