MAYO CLINIC LABORATORIES

Test Definition: SMPB

Peripheral Blood Smear Review
(Non-Orderable)

Overview

Useful For

Only orderable as part of a profile. For more information see RBCME / Red Blood Cell Membrane Evaluation, Blood.

Confirmation of red blood cell membrane morphology

Method Name

Only orderable as part of a profile. For more information see RBCME / Red Blood Cell Membrane Evaluation, Blood.

Consultant Review

NY State Available

Yes

Specimen

Specimen Type

Whole Blood Slide

Specimen Stability Information

Specimen Type	Temperature	Time	Special Container
Whole Blood Slide	Refrigerated		CARTRIDGE

Clinical & Interpretive

Clinical Information

Under normal conditions, the morphology of each red blood cell is fairly consistent in corresponding age groups. The morphology and proportion of each blood cell type may change in various hematologic diseases.

Reference Values

Only orderable as part of a profile. For more information see RBCME / Red Blood Cell Membrane Evaluation, Blood.

An interpretive report will be provided.

Interpretation

Description of red blood cell morphology will be provided if applicable.

Cautions
A poorly prepared peripheral smear may result in a less-than-optimal interpretation.

Clinical Reference
1. Kjeldsberg CR, eds. Practical Diagnosis of Hematologic Disorders. 5th ed. American Society of Clinical Pathologists; 2010
2. Pozdnyakova O, Connell NT, Battinelli EM, Connors JM, Fell G, Kim AS. Clinical significance of CBC and WBC morphology in the diagnosis and clinical course of COVID-19 infection. Am J Clin Pathol. 2021;155(3):364-375. doi:10.1093/ajcp/aqaa231

Performance

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Microscopic examination of a Wright-Giemsa-stained smear.(Unpublished Mayo method)

PDF Report
No

Day(s) Performed
Varies

Report Available
4 days

Performing Laboratory Location
Mayo Clinic Laboratories - Rochester Main Campus

Fees & 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 account representative. For assistance, contact Customer Service.

Test Classification
Not Applicable

CPT Code Information
85060

LOINC® Information

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Test ID	Test Order Name	Order LOINC® Value
SMPB	Peripheral Blood Smear Review	59466-3

Result ID	Test Result Name	Result LOINC® Value
37406	Peripheral Blood Smear Review	59466-3