

Overview

Useful For

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.

Not applicable

Interpretation

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

Cautions

A poorly prepared peripheral smear may result in 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 Feb 11;155(3):364-375. doi: 10.1093/ajcp/aqaa231Look in special smear test code

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Microscopic examination of a Wright-Giemsa stained smear.(Unpublished Mayo method)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

| Test ID | Test Order Name | Order LOINC® Value |
|---------|-------------------------------|--------------------|
| SMPB | Peripheral Blood Smear Review | 59465-5 |

| Result ID | Test Result Name | Result LOINC® Value |
|-----------|------------------|---------------------|
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| 37406 | Peripheral Blood Smear Review | 59465-5 |
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