

# MEDICAL LABORATORY SCIENTIST, MLS(ASCP) INTERNATIONAL MEDICAL LABORATORY SCIENTIST, MLS(ASCP<sup>i</sup>)

## Suggested Reading for Examination Preparation

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### JOURNALS

[\*Clinical Laboratory Science\*](#). Published by American Society for Clinical Laboratory Science.

[\*Laboratory Medicine\*](#). Published by Oxford University Press.

[\*Medical Laboratory Observer\*](#). Published by Endeavor Business Media, LLC.

### TEXTS

#### BLOOD BANKING (IMMUNOHEMATOLOGY)

AABB. (2024). [\*Standards for Blood Banks and Transfusion Services\*](#) (34<sup>th</sup> ed.). Bethesda, MD: AABB Press.

Cohn, C.S., et al. (Eds.). (2023). [\*Technical Manual\*](#) (21<sup>st</sup> ed.). Bethesda, MD: AABB Press.

Harmening, D.M. (2018). [\*Modern Blood Banking and Transfusion Practices\*](#) (7<sup>th</sup> ed.). Philadelphia: F.A. Davis Company.

Howard, P.R. & Hicks, W.A. (2025). [\*Basic & Applied Concepts of Blood Banking and Transfusion Practices\*](#) (6<sup>th</sup> ed.)  
St. Louis, MO: Elsevier, Inc.

#### CHEMISTRY

Bishop, M.L., et al. (2022). [\*Clinical Chemistry: Principles, Techniques, and Correlations\*](#) (9<sup>th</sup> ed.). Jones & Bartlett Learning.

Rifai, N., et al. (2023). [\*Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics\*](#) (9<sup>th</sup> ed.). St. Louis, Missouri:  
Elsevier.

#### HEMATOLOGY

Keohane, E.M., et al. (2024). [\*Rodak's Hematology: Clinical Principles & Applications\*](#) (7<sup>th</sup> ed.). St. Louis, MO: Elsevier.

McKenzie, S.B., Landis-Piowar, K., & Williams, L. (2019). [\*Clinical Laboratory Hematology\*](#) (4<sup>th</sup> ed.). New Jersey: Prentice  
Hall.

#### IMMUNOLOGY

Miller, L.E. & Stevens, C.D. (2021). [\*Clinical Immunology and Serology: A Laboratory Perspective\*](#) (5<sup>th</sup> ed.). Philadelphia:  
F.A. Davis Company.

Turgeon, M.L. (2025). [\*Immunology & Serology in Laboratory Medicine\*](#) (8<sup>th</sup> ed.). St. Louis, MO: Elsevier.

#### LABORATORY OPERATIONS

Buckingham, L. (2019). [\*Molecular Diagnostics: Fundamentals, Methods, & Clinical Applications\*](#) (3<sup>rd</sup> ed.). Philadelphia:  
F.A. Davis Company.

Davis, D.L. (2016). [\*Laboratory Safety: A Self-Assessment Workbook\*](#) (2<sup>nd</sup> ed.) Chicago: ASCP Press.

Doucette, L.J. (2021). [\*Mathematics for the Clinical Laboratory\*](#) (4<sup>th</sup> ed.) St. Louis, MO: Elsevier.

McPherson, R.A. & Pincus, M.R. (2021). [\*Henry's Clinical Diagnosis and Management by Laboratory Methods\*](#) (24<sup>th</sup> ed.).  
Philadelphia: Elsevier.

Turgeon, M.L. (2022). [\*Clinical Laboratory Science: Concepts, Procedures, and Clinical Applications\*](#) (9<sup>th</sup> ed.). St. Louis, MO:  
Elsevier.

#### MICROBIOLOGY

De La Maza, L.M. et al. (2020). [\*Color Atlas of Medical Bacteriology\*](#) (3<sup>rd</sup> ed.). Washington, D.C.: ASM Press.

Hata, D.J. & Thomson Jr., R.B. (2016). [\*Gram Stain Benchtop Reference Guide\*](#). College of American Pathologists.

Leber, A.L. & Burnham, C.D. (Eds.). (2023). [\*Clinical Microbiology Procedures Handbook\*](#) (5<sup>th</sup> ed.). Washington, D.C.: ASM  
Press.

Love, G.L. & Ribes, J.A. (2018). [\*Color Atlas of Mycology: An Illustrated Field Guide Based on Proficiency Testing\*](#). College of American Pathologists.

Mahon, C.R. & Lehman, D.C. (2023). [\*Textbook of Diagnostic Microbiology\*](#) (7<sup>th</sup> ed.). Jones & Bartlett Learning.

Pritt, B.S. (2014). [\*Parasitology Benchtop Reference Guide\*](#). College of American Pathologists.

Tille, P.M. (2025). [\*Bailey & Scott's Diagnostic Microbiology\*](#) (16<sup>th</sup> ed.). St. Louis, MO: Elsevier.

## **URINALYSIS & BODY FLUIDS**

Brunzel, N.A. (2022). [\*Fundamentals of Urine and Body Fluid Analysis\*](#) (5<sup>th</sup> ed.). St. Louis, MO: Elsevier.

Strasinger, S.K. & Di Lorenzo, M.S. (2021). [\*Urinalysis and Body Fluids\*](#) (7<sup>th</sup> ed.). Philadelphia: F.A. Davis Company.

## **O N L I N E**

### **BLOOD BANKING (IMMUNOHEMATOLOGY)**

[AABB Resources](#)  
[Blood Bank Guy – Transfusion Medicine Education](#)  
[Transfusion Medicine Questions](#)

### **CHEMISTRY**

[Association for Diagnostics & Laboratory Medicine \(ADLM\) \(formerly AACC\)](#)

### **HEMATOLOGY**

[Bloodline Image Atlas \(Hematology Images\)](#)  
[CellaVision CellAtlas App – Blood Cell Morphology Guide](#)  
[Hematology Outlines – Online Textbook & Atlas](#)  
[The Fritsma Factor](#)

### **MICROBIOLOGY**

[ClinMicroNow - American Society of Microbiology \(ASM\)](#)  
[Centers for Disease Control and Prevention \(CDC\)](#)  
[Clinical and Laboratory Standards Institute \(CLSI\) publications](#)  
[DPDx – CDC's Division of Parasitic Diseases and Malaria](#)