

# 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. (2022). [Standards for Blood Banks and Transfusion Services](#) (33<sup>rd</sup> ed.). Bethesda, MD: AABB Publications.

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

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

#### CHEMISTRY

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

Rifai, N., Horvath, A.R., & Wittwer, C.T. (2019). [Tietz Fundamentals of Clinical Chemistry and Molecular Diagnostics](#) (8<sup>th</sup> ed.). St. Louis, MO: Elsevier.

#### HEMATOLOGY

Keohane, E., Otto, C.N., & Walenga, J. (2019). [Rodak's Hematology: Clinical Principles & Applications](#) (6<sup>th</sup> ed.). Philadelphia: Elsevier Saunders.

McKenzie, S.B., Landis-Piwowar, 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. (2021). [Immunology & Serology in Laboratory Medicine](#) (7<sup>th</sup> ed.). St. Louis, MO: Elsevier.

#### LABORATORY OPERATIONS

Buckingham, L. (2014). [Fundamental Laboratory Mathematics: Required Calculations for the Medical Laboratory Professional](#). Philadelphia, PA: F.A. Davis Company.

Buckingham, Lela. (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.
- Garcia, L.S. (2016). [Diagnostic Medical Parasitology](#) (6<sup>th</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.). Elsevier Health Sciences.
- Persing, D.H. et al. (Eds.). (2016). [Molecular Microbiology: Diagnostic Principles and Practice](#) (3<sup>rd</sup> ed.). Washington D.C.: ASM Press.
- Pritt, B.S. (2014). [Parasitology Benchtop Reference Guide](#). College of American Pathologists.
- Procop, G.W., et al. (2017). [Koneman's Color Atlas and Textbook of Diagnostic Microbiology](#) (7<sup>th</sup> ed.). Wolters Kluwer.
- Tille, P.M. (2021). [Bailey & Scott's Diagnostic Microbiology](#) (15<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.
- Kjeldsberg, C. & Hussong, J. (2015). [Kjeldsberg's Body Fluid Analysis](#). Chicago, IL: ASCP Press.
- Mundt, L.A. & Shanahan, K. (2016). [Graff's Textbook of Urinalysis and Body Fluids](#) (3<sup>rd</sup> ed.). Burlington, MA: Jones & Bartlett Learning.
- Strasinger, S.K. & Di Lorenzo, M.S. (2021). [Urinalysis and Body Fluids](#) (7<sup>th</sup> ed.). Philadelphia: F.A. Davis Company.

## ONLINE

### BLOOD BANKING (IMMUNOHEMATOLOGY)

- [AABB](#)
- [Blood Bank Guy – Transfusion Medicine Education](#)
- [Indian Immunohematology Initiative](#)
- [Transfusion Medicine Questions](#)

### CHEMISTRY

- [AACC](#)
- [AACC Laboratory Medicine Practice Guidelines](#)
- [AACC Clinical Chemistry Trainee Council \(CCTC\)](#)

### HEMATOLOGY

- [CellaVision CellAtlas – Blood Cell Morphology Guide](#)
- [Bloodline Image Atlas \(Hematology Images\)](#)
- [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](#)