

## Molecular Diagnostics Technologist (MDT) Information Resource References

Competency-based, criterion-referenced examinations are not based solely on textbook information, but on the skills and competencies required for safe and successful performance as a healthcare practitioner. Nevertheless, the following resources may be useful in reviewing information required for the examination and for organizing the material for study purposes.

When selecting materials, always confirm that you have the most recent editions. The references provided here may or may not represent the current editions.

In addition, do not limit your study to the resources provided here. Although the references listed below present useful information, there are numerous additional or alternative sources that are also suitable for study. The list, therefore, should be considered illustrative rather than exhaustive.

### **Textbooks**

Alberts, B., Johnson, A. D., Heald, R., Morgan, D., Raff, M., Roberts, K., & Walter, P. (2022). *Molecular Biology of the Cell*. (7<sup>th</sup> Ed.). New York: W. W. Norton & Company. ISBN: 978-0393884845

Buckingham, L. (2019). *Molecular Diagnostics: Fundamentals, Methods, and clinical Applications* (3<sup>rd</sup> Ed.). Philadelphia: F.A. Davis Company. ISBN: 978-0803668294

Coleman, W. B. & Tsongalis, G. J. (2017). *Molecular Pathology: The Molecular Basis of Human Disease*. (2<sup>nd</sup> Ed.). London: Academic Press. ISBN: 978-0128027615

Coleman, W. B. & Tsongalis, G. J. (2023). *Diagnostic Molecular Pathology: A Guide to Applied Molecular Testing*. (2<sup>nd</sup> ed.) London: Academic Press. ISBN: 978-0128228241

Patrinos, G. P., Ansong, W., & Danielson, P. B. (2016). *Molecular Diagnostics*. (3<sup>rd</sup> Ed.). London: Academic Press. ISBN: 978-0128029718

Rifai, N., Horvath, A. R., Wittwer, C. T., & Park, J. (2018). *Principles and Applications of Molecular Diagnostics*. (1<sup>st</sup> ed.) Amsterdam: Elsevier. ISBN: 978-0128160619

Strachan, T. & Read, A. P. (2018). *Human Molecular Genetics*. (5<sup>th</sup> Ed.). New York: Garland Science. ISBN: 978-0815345893