



Beyond Essentials: Block 2 - Immunohematology/Genomics | 2024

March 26, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Donath-Landsteiner Test & Paroxysmal Cold Hemoglobinuria

Julie Kirkegaard, MLS(ASCP)SBB, Technical Manager, Immunohematology Reference Laboratory, NYBCe at Community Blood Center

Objectives

1. List the laboratory findings associated with Paroxysmal Cold Hemoglobinuria.
2. Describe what the Donath-Landsteiner antibody is.
3. Describe how to perform the Donath-Landsteiner test.

Level of Instruction

Intermediate

April 2, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Overview of *RHD* Genotyping

Lynsi Rahorst, MHPE, MLS(ASCP)SBB, Manager, Education & Training, IRL/Genomics Laboratories, New York Blood Center Enterprises

Objectives

1. Describe different expression of D antigen encoded by variant *RHD* alleles: null, partial D, weak D, and *Del*.
2. Discuss different applications of *RHD* genotyping.
3. Interpret results of *RHD* genotyping in patient cases.

Level of Instruction

Intermediate

April 9, 2024, 1-2:00 ET (12-1:00 CT)

1.0 Contact Hour



Blood Group Genotyping & Interpretation of Variant Antigens

Sunitha Vege, MS, Technical Director, Genomics Laboratory, New York Blood Center

Objectives

1. Discuss common genetic mechanisms that lead to variant (or altered) alleles.
2. Describe genotyping methods used to detect and identify variant alleles, including limitations.
3. Explain the challenges of predicting alloimmunization risk and clinical significance of antibodies associated with variant antigens.

Level of Instruction

Intermediate

For more information, including a link to register, visit: nybce.org/webinar



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