

H52-A2

Red Blood Cell Diagnostic Testing Using Flow Cytometry; Approved Guideline— Second Edition

This guideline addresses the diagnostic red blood cell (RBC) assays performed as fluorescence-based assays on a flow cytometry platform; including testing procedures for fetomaternal hemorrhage detection, paroxysmal nocturnal hematuria screening, membrane defect anemia testing for hereditary spherocytosis, and nucleated RBC counting. Points of validation and quality control, and caveats of interpretation are also discussed.

A guideline for global application developed through the Clinical and Laboratory Standards Institute consensus process.