

# Rapid Point of Care Test Development Workshop

A Hands-on Multi Day Experience

In partnership with Kinematic Automation, Axxin and AnteoTech

**Date:** June 13-15, 2023

**Location:** Fota Island Resort  
Cork, Ireland

## Registration fees and payment:

3-day technical seminar \$795 USD.  
The fee will be invoiced upon registration.

## To register for the event:

<https://www.sigmaaldrich.com/RPOCworkshop>

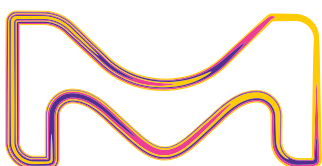


## Abstract

Lateral flow tests remain one of the most robust choices for rapid point of care testing. Development of these *in vitro* diagnostic tests remains a difficult task. Join us in Cork, Ireland for an in-depth, three-day journey in which we will help you replace luck with knowledge and skill through the development and manufacture of lateral flow point of care tests. Learn best practices for raw material selection, R&D considerations, and manufacturing. Workshop attendees will become familiar with each aspect further through hands-on practical sessions. Along the way, you'll learn about technical challenges, future technologies, regulatory issues, and market trends from industry leaders with discussion sessions and excellent networking opportunities.

## Workshop topics that will be covered include:

- Design Considerations for Lateral Flow Test Strips
- Selecting Pad Materials
- Reagent Chemistries and Labels of Choice for Rapid Point of Care
- Use of Dyed and Fluorescent Estapor® Microspheres Antibody Selection for POC Testing
- Blocking Agents and Stabilizers for Rapid POC Tests
- Increasing Sensitivity in Rapid Point of Care Tests
- Adhesives and Converting for Rapid Point of Care Test Devices
- Assay Design for Automation
- Lab Exercise: Construction and Testing of Functional Rapid Point of Care Tests
- Test Cassette Development Process, Manufacturing and Costs
- Troubleshooting Rapid Point of Care Tests



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