

Cancer Biomarker Testing Stewardship in the Laboratory

IMPROVING PRECISION ONCOLOGY AND CLINICAL OUTCOMES

KEY ROLES



Improving Testing Workflows

- Specimen handling from accession to results
- Monitors pre-analytic, analytic, and post-analytic phases



Communication Bridge

- Interfaces with oncologists, pathologists, and reference labs
- Clarifies test orders



Tracking and Coordinating Results

- Flags actionable results
- Supports documentation for tumor board discussion



Education and Support

- Trains laboratory staff on biomarker updates
- Implements policies that reflect guideline recommendations

KEY BENEFITS



Faster Turnaround Time

Reduces delays through proactive test tracking and coordination



Improved Test Accuracy & Completeness

Ensures the right test is ordered and acts when sample quantity is not sufficient



Stronger Lab-Clinician Communication

Minimizes test ordering errors and confusion



Enhanced Multidisciplinary Collaboration

Supports tumor boards and molecular review