

Example Job Description

Role: Laboratory Professional Dedicated to Cancer Biomarker Testing

Department: Pathology / Laboratory Medicine

Location: [Institution Name], [City, State]

Position Type: Full-Time

Reports To: Laboratory Director / Precision Medicine Supervisor

POSITION SUMMARY

- The Laboratory Professional Dedicated to Cancer Biomarker Testing Stewardship plays a critical role in ensuring the efficient and accurate processing of cancer biomarker testing within the laboratory.
- This person is responsible for overseeing and coordinating all aspects of cancer biomarker testing to ensure timely, accurate, and clinically actionable results.
- This position serves as a central point of contact, coordinating various aspects of the testing workflow, from sample receipt and processing to result reporting and interpretation support. This person will collaborate closely with pathologists, oncologists, laboratory technologists, and other healthcare professionals to optimize the utilization of biomarker testing for personalized cancer care.

RESPONSIBILITIES

Workflow Management:

- Oversee the entire cancer biomarker testing workflow, ensuring timely and accurate sample processing and result delivery.
- Coordinate sample receipt, accessioning, and tracking, maintaining documentation.
- Monitor test turnaround times and proactively address potential delays or bottlenecks.
- Implement and maintain standardized operating procedures (SOPs) for all aspects of biomarker testing.
- Optimize laboratory processes to improve efficiency and reduce errors.

Communication and Collaboration:

- Serve as a central point of contact between the pathology lab, oncologists, genetic counselors, and external reference labs.
- Collaborate with pathologists and oncologists to ensure appropriate test selection.
- Facilitate timely release and integration of results into the electronic health record (EHR).
- Address inquiries from healthcare professionals regarding biomarker testing procedures and results.
- Facilitate multidisciplinary team meetings to discuss complex cases and optimize patient care.
- Compile and present data for tumor boards and other multidisciplinary meetings.

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RESPONSIBILITIES

Data & Reporting:

- Support data collection and analysis to monitor utilization, turnaround time, test concordance, and other quality metrics.
- Assist in preparing reports for institutional committees, quality programs, or tumor boards as needed.

Quality Assurance and Compliance:

- Maintain compliance with all relevant regulatory requirements and accreditation standards (e.g., CAP, CLIA).
- Support quality assurance initiatives and assist in performance monitoring of cancer biomarker testing.
- Investigate and resolve any discrepancies or errors in testing procedures or results.
- Ensure accurate data entry and reporting in the laboratory information system (LIS).
- Maintain up to date knowledge of current biomarker testing guidelines and technologies.

Training:

- Train laboratory staff on new biomarker testing procedures.
- Assist with educational efforts related to biomarker testing processes, emerging biomarkers, and new testing platforms.

Qualifications:

REQUIRED:

- Bachelor's degree in medical laboratory science, biology, or related field.
- At least 3 years of experience in a clinical laboratory setting, with exposure to molecular or pathology workflows.
- Working knowledge of cancer biomarker testing and clinical applications in oncology.
- Strong organizational and communication skills.
- Proficiency with laboratory information systems (LIS) and electronic health records (EHRs).

PREFERRED:

- Experience with next-generation sequencing (NGS) or other advanced molecular diagnostic platforms.
- Experience with anatomic pathology.
- Familiarity with CAP/CLIA regulations and quality standards.
- Completion of the ASCP Biomarker Testing Stewardship Certificate Program

WORKING CONDITIONS:

- Laboratory environment.
- Interdisciplinary team setting with frequent interaction across departments.