



Clinical Genomics Services

Lab Services

*Design a Complete Genomic Testing
Portfolio with Turnkey Assays*

About PierianDx Lab Services

Designed to accelerate your own in-house clinical offering, PierianDx Lab Services deliver clinically validated Next-Generation Sequencing (NGS) tests for inherited diseases, solid tumors, hematopoietic disorders, central nervous system tumors, melanoma and more. This turnkey outsourced testing service allows you to access and customize a full range of NGS assays right out of the box utilizing subsets customized from a wide range of genes. With the NGS Gateway, PierianDx can be your partner to quickly implement any of the following components:

- *Pathology Intake*
- *Sequencing Services (DNA Preparation and Sequencing)*
- *Analytics and Reporting*
- *Medical Review and Sign-Out*

Unlike traditional “send-out” laboratory offerings, the PierianDx Lab Services is designed to incorporate your brand and transition from our program to your lab as soon as you’re ready.

Lab Services Benefits

Clinical Labs

Brand Enhancement Make precision medicine your competitive advantage with a fully branded set of NGS assays and patient reports that kick-start your clinical testing portfolio.

Transition Path We'll work with you on a seamless transition of services from our lab to yours, assisting in training your team to ensure the success of your precision medicine program.

No Capital Outlay You can launch an NGS testing service with no capital commitment, allowing you to focus resources on better diagnoses, treatment and patient care.

Speed to Market Get to market faster by letting us support your precision medicine program while you refine your long-term NGS testing strategy.

Control Data Maintain genomic data essential to the patient lab record and valuable in aggregate for population health initiatives.

Ordering Physicians

Cancer patients who have failed standard treatments, such as chemotherapy, often need more targeted, personalized treatment plans. The genomic tests available in NGS Gateway uncover patient-specific variants that predict response to treatment. Some of the specific benefits and advantages of the tests include:

- *Genomic profiling to enable more personalized patient care and treatment*
- *Comprehensive tests involve sequencing the entire coding region of each gene and selected introns for detecting rearrangements*
- *Efficient, cost-effective and sensitive somatic and germline variant analysis*



Lab Services Workflow



1 Order & Materials Collection (Lab Partner)

- Fill out and submit requisition
- Acquire specimen



4 Pathology Review & Laboratory Services (PierianDx)

- Pathology review and tumor enrichment
- DNA extraction
- Library Preparation



2 Shipping & Notification (Lab Partner)

- Lab Partner ships specimen to PierianDx
- Lab partner notifies PierianDx of shipment



5 Analysis & Reporting Using (PierianDx)

- Variant identification and classification
 - Medical interpretation
 - Report sign-out
 - Report delivered to lab partner
- PierianDx can also assist in providing medical interpretation and sign-out services with our team of medical directors and variant scientists.



3 Order Creation & Notification (PierianDx)

- Specimen received by PierianDx
- Order entry
- Receipt notification sent to lab partner



Additional **FAQs**

Does PierianDx offer training and support for NGS Gateway assays?

Yes. PierianDx offers training and support to help you launch your NGS Testing Program. The NGS Gateway Kit includes the following materials that can be customized to your brand:

- *Product data sheets*
- *Frequently Asked Questions (FAQs)*
- *Program Launch Training Webinar*

PierianDx can also provide referral sources if additional communications and marketing assistance is needed to launch your testing program.

Can I customize NGS Gateway to my brand?

Yes. PierianDx will customize each signed-out report, so your brand will be front and center.

What CLIA certifications do you have for performing NGS testing services?

All NGS Gateway assays are carried out in CLIA-certified laboratories.

How long do the NGS Gateway assays take to implement?

The NGS Gateway assays were designed to rapidly bring your NGS test offering to market. PierianDx can implement the program within two weeks of the signed contract date. Total implementation timelines may vary depending on partner dependencies and internal training requirements.