

## The GeneDx Difference

For over 20 years, GeneDx has been at the forefront of genetic innovation, pioneering new technologies and gene discoveries. Our unmatched experience enables us to offer greater diagnostic accuracy for patients and families.

We are a global leader in exome and genome testing, powered by an industry-leading 300,000+ sequenced clinical exomes, which enable us to offer definitive diagnoses, even in the most complex cases.



### Trusted Experts

Our 100+ genetic counselors, MD/PhD scientists, and clinical and molecular genomics specialists enable us to provide clear, accurate, and meaningful answers. Call us directly at **(888) 729-1206** or email [support@genedx.com](mailto:support@genedx.com). Genetic counseling resources are also available through [mygeneteam.com](http://mygeneteam.com).



### Flexible Billing Options

GeneDx is in-network with most commercial insurance plans. Aligned with our belief that genetic testing should be accessible for all, we offer self-pay pricing, payment plans, and financial assistance for eligible patients. Our dedicated billing team is available to answer questions at **(888) 729-1206 option 2**, and [billing@genedx.com](mailto:billing@genedx.com).

## Ready to Order Genetic Testing?

Providers can request sample kits at [GeneDx.com/supplies](https://www.genedx.com/supplies).

### Two Easy Ways to Order

- 1. Digital Order with GeneDx Portal**  
The provider portal provides access to an efficient, secure, and HIPAA-compliant way for healthcare providers to order tests, track order status, access payment and insurance information, and access patient test results. Register or login at [GeneDx.com/signin](https://www.genedx.com/signin).
- 2. Paper Order with Test Requisition Form (TRF)**  
TRFs offer the option to print and fill out a paper order form to send in with your patient's sample. TRFs collect patient information, informed consent, and test-specific data from providers to begin the testing process for patients. Download test forms at [GeneDx.com/tests/resources](https://www.genedx.com/tests/resources).

Ordering genetic testing has the power to end the diagnostic odyssey for your patients. **To learn more or place an order today, visit [GeneDx.com](https://www.genedx.com).**

1. Eurordis. Survey of the delay in diagnosis for 8 rare diseases in Europe (EurordisCare2) [https://www.eurordis.org/sites/default/files/publications/Fact\\_Sheet\\_Eurordiscare2.pdf](https://www.eurordis.org/sites/default/files/publications/Fact_Sheet_Eurordiscare2.pdf). Accessed March 16, 2022.
2. Han JY, Lee IG. Genetic tests by next-generation sequencing in children with developmental delay and/or intellectual disability. *Clin Exp Pediatr*. 2020;63(6):195-202. doi: 10.3345/kjcp.2019.00808.
3. Savatt JM, Myers SM. Genetic testing in neurodevelopmental disorders. *Front Pediatr*. 2021 Feb 19;9:526779. doi: 10.3389/fped.2021.526779.
4. Tan TY, Dillon OJ, Stark Z, et al. Diagnostic impact and cost-effectiveness of whole-exome sequencing for ambulant children with suspected monogenic conditions. *JAMA Pediatr*. 2017;171(9):855-862. doi: 10.1001/jamapediatrics.2017.1755.
5. Manickam K, McClain MR, Demmer LA, et al. Exome and genome sequencing for pediatric patients with congenital anomalies or intellectual disability: an evidence-based clinical guideline of the American College of Medical Genetics and Genomics (ACMG). *Genet Med*. 2021;23(11):2029-2037. doi: 10.1038/s41436-021-01242-6.

T: (888) 729-1206 | F: (201) 421-2010 | [GeneDx.com](https://www.genedx.com)  
207 Perry Parkway | Gaithersburg, MD 20877  
© 2022 GeneDx, Inc. All rights reserved.



GeneDx | LEADER IN DIAGNOSTIC GENETIC TESTING.

**More experience.  
More confidence.  
More definitive  
diagnoses.**

**GENEDX. CERTAINTY WHEN IT COUNTS.**



## GeneDx delivers definitive diagnoses, even in the most complex cases.

When an underlying diagnosis remains unclear, genetic testing can provide answers, ending the diagnostic odyssey and informing next steps for patients presenting with neurodevelopmental disorders, developmental delay (DD), and intellectual disability (ID).



Genetic testing can **shorten the diagnostic odyssey between 5 and 30 years** for patients with rare disease<sup>1</sup>



Exome testing has a **diagnostic yield up to 45%** for patients presenting with DD/ID<sup>2</sup>



Diagnostic yield for exome sequencing is **up to 20% greater than chromosomal microarray (CMA)**<sup>3</sup>



On average, genetic testing can result in **\$6,838 in patient care savings** when done at the initial presentation of an underlying genetic condition<sup>4</sup>

## Ordering genetic testing for your patients helps end the diagnostic odyssey.

### Confident Care

Undiagnosed conditions can result in increased symptom severity and even cause permanent damage. Finding definitive diagnoses earlier means you and your patients' families can make more informed decisions regarding patient care and mitigate health risks associated with delayed diagnoses.

### Knowledge for the Future

Confirming a disorder with a genetic diagnosis provides condition-specific prognostic information, empowering you and your patients' families with information about what to expect moving forward. It can also qualify patients for clinical trials and treatment options.

### Expert Recommended

The American College of Medical Genetics and Genomics (ACMG) recommends exome and genome testing as a first-tier test for patients with developmental delay (DD) and intellectual disability (ID).<sup>5</sup>

### The Power of the Trio

Trio-based analysis is available for all test options. Trio testing takes genetic samples from the patient (proband) and two close relatives and analyzes them together in the lab.

Benefits of starting with a trio when compared to patient-only samples:

- Minimizes the need for follow-up testing
- Improves interpretation of results
- Shortens the time to a definitive diagnosis



### Test Menu

#### XomeDx<sup>®</sup>

*Turnaround Time: ~8-12 weeks*

Analyzes 20,000 genes (more than CMA and panel testing) and is phenotype driven, enabling a greater chance of a diagnosis.

#### GenomeSeqDx

*Turnaround Time: ~4 weeks*

Examines the entire genome and is the most comprehensive test option available.

#### Xpanded<sup>®</sup> Panels

*Turnaround Time: ~6 weeks*

Condition-specific, targeted panels with frequently updated gene lists based on new discoveries. Available for a variety of genetic disorders.