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.

Support at Every Step

Our experienced customer support team is available to help answer any questions you may have throughout the testing process.

Call us directly at **(888) 729-1206** or email **support@genedx.com.**

Genetic counseling resources are available through **mygeneteam.com.**

Ready to Order Genetic Testing?

Providers can request sample kits through our Xpress team or at **GeneDx.com/supplies.**

Contact our team at **xpress@genedx.com** before ordering Xpress testing to help guide samples through the process.

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**.

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.**

We believe access to exome and genome testing for babies in the NICU should be the standard of care. **To learn more or place an order today, visit GeneDx.com.**

1. Keshavan M. With genome sequencing, some sick infants are getting a shot at healthy lives. STAT, 19 Oct. 2018, https://www.statnews.com/2018/10/19/genome-sequencing-sick-infants-nicu/.
2. NICUSeq Study Group, Krantz ID, Medne L, et al. Effect of whole-genome sequencing on the clinical management of acutely ill infants with suspected genetic disease: a randomized clinical trial. JAMA Pediatr. 2021;175(12):1218-1226. doi: 10.1001/jamapediatrics.2021.3496.
3. Dimmock D, Caylor S, Waldman B, et al. Project Baby Bear: rapid precision care incorporating rWGS in 5 California children's hospitals demonstrates improved clinical outcomes and reduced costs of care. Am J Hum Genet. 2021;108(7):1231-1238. doi: 10.1016/j.ajhg.2021.05.008.
4. 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.
5. Rady Children's Hospital. "Project Baby Bear: Final Report." 2020. https://radygenomics.org/wp-content/uploads/2021/04/PBB-Final-Report_07.14.20.pdf. Accessed March 16, 2022.

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GeneDx | LEADER IN DIAGNOSTIC GENETIC TESTING.

More experience. More confidence. More definitive diagnoses.

GENEDX. CERTAINTY WHEN IT COUNTS.

Genetic testing delivers answers when it matters most.

Every minute counts for a baby in the neonatal intensive care unit (NICU), so uncovering a definitive diagnosis, fast, is more important than ever. Finding the right diagnosis when a patient is presenting with multiple congenital anomalies unlocks the potential to drastically improve patient outcomes.

1 in 4 babies in level 4 NICUs **have an unrecognized genetic disorder**[1]

Studies show up to a **31% diagnostic yield** through genetic testing in the NICU[2]

32% of babies who received a diagnosis from rapid genetic testing **had a change in clinical management**[3]

On average, genetic testing results in **approximately $4,000 in patient care savings** when a genetic diagnosis is found for a NICU patient[3]

Ordering genetic testing for babies in the NICU can provide immediate clinical benefits.

Time Is Crucial
For babies in the NICU, rapid diagnosis has the power to save lives, shorten the length of hospital stays, and minimize unnecessary surgeries and diagnostic tests for critically ill babies.

Expert Recommended
The American College of Medical Genetics and Genomics (ACMG) recommends exome and genome testing as a first-tier test when a child presents with multiple congenital anomalies.[4]

Confident Care
Genetic diagnoses can empower healthcare providers to make appropriate clinical management decisions with confidence. This improves provider experiences and patient satisfaction.[5]

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 compared to patient-only samples:

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

Xpress Testing

GeneDx Xpress testing options for exome and genome sequencing provide answers, fast. Verbal test results are available in as little as 7 days and have the potential to immediately impact medical management. The full written report with all clinically relevant, confirmed variants will be available within 2 weeks.

Test Menu

XomeDxXpress®
TEST CODE: 896
Turnaround Time:
7 days verbal, 2 weeks written
Analyzes 20,000 genes (more than CMA & panel testing) and is phenotype driven, enabling a greater chance of a diagnosis.

GenomeXpress®
TEST CODE: TH78
Turnaround Time:
7 days verbal, 2 weeks written
Examines the entire genome and is the most comprehensive test option available.

NICUXpress™
TEST CODE: TL27
Turnaround Time:
7 days verbal, 2 weeks written
Targeted panel that evaluates ~3,500 genes curated for newborn populations and has the ability to reflex to full exome analysis.