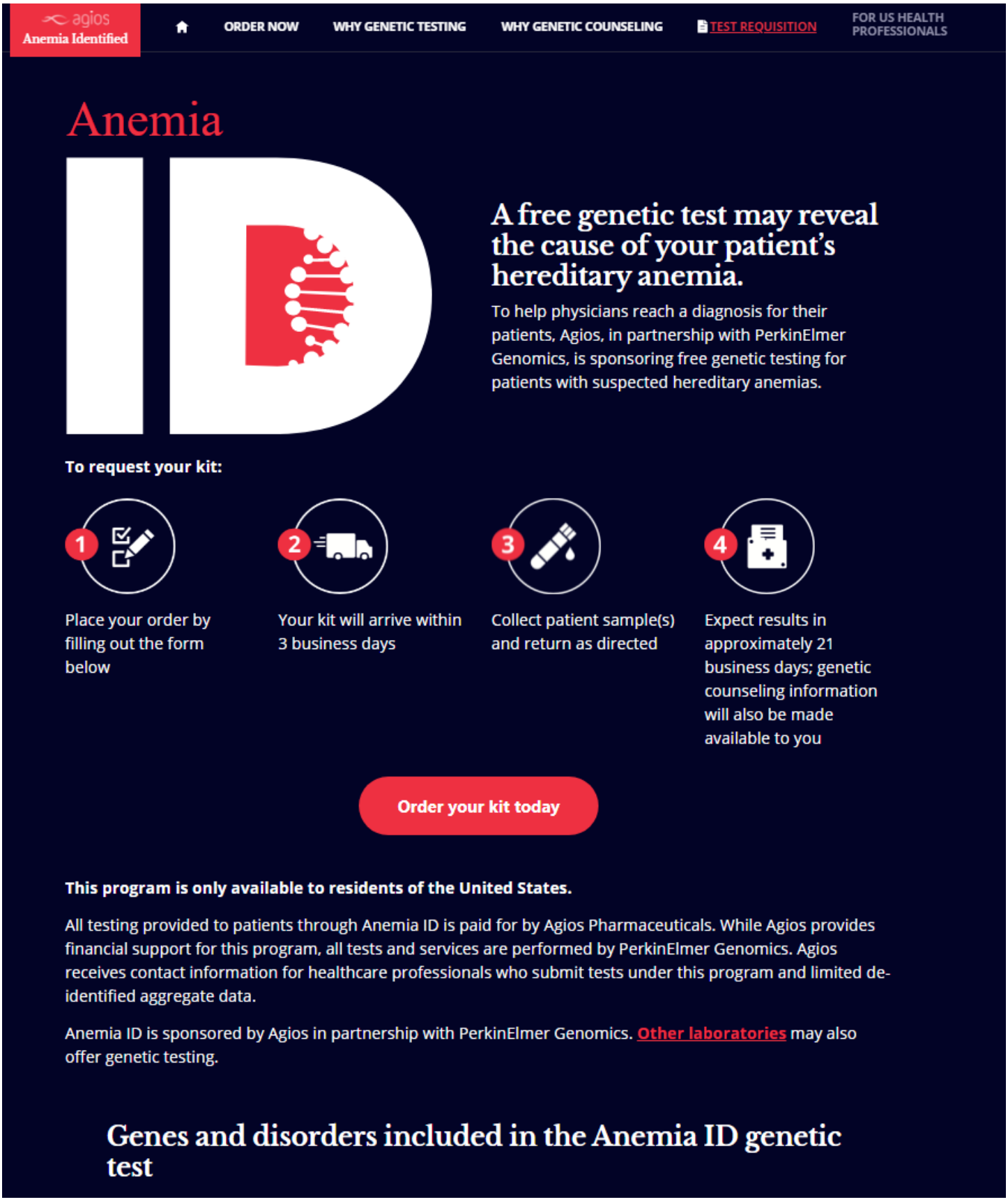
Specimen Class 44

August 18, 2021 https://www.anemiaid.com/#order-now



- Congenital dyserythropoietic anemias
- Diamond-Blackfan anemia
- Enzymopathies (RBC enzyme disorders)
- Membranopathies (RBC membrane disorders)
- Hyperbilirubinemias

You can also download a full list of the genes and disorders included in the Anemia ID next-generation sequencing (NGS) panel.

ORDER NOW

Anemia ID collection kit request form

To order your kit, fill out the form below or call PerkinElmer Genomics customer service at 1-866-354-2910.

If you are a physician practicing in New York State, testing will be provided by the NY State–certified lab PreventionGenetics to comply with New York State Public Health Law and regulations. Details about the PreventionGenetics panel, including methodology and genes analyzed, will be included with test results. **Note**: Samples must be submitted with the NY State Healthcare Provider Statement.

NY State Healthcare Provider Statement **Anemia ID: NY State Panel Flashcard**

Visit PerkinElmer Genomics and PreventionGenetics to view their respective privacy policies.

*Required fields.

Will this kit be shipped to a healthcare provider or patient?*
Please note: blood kits cannot be shipped directly to patients.

◯ Healthcare provider ◯ Patient (saliva kit only)

Kit type*

◯ Saliva swab ◯ Whole blood

Number of kits (please enter number requested)

1

Contact information

Full name*

Phone*

(___)___-____

Email address*

Confirm email address*

Institution*

Shipping information

Address*

Address 2

City*

State*

Zip code*

Place order

WHY GENETIC TESTING

Genetic testing may place a definitive diagnosis within reach*

Differentiating among hereditary anemias (HAs) is exceedingly complex. HAs comprise a range of highly heterogeneous disorders that occur infrequently across the general population. More than 70 genetic mutations are involved, with unspecific and overlapping phenotypes. Multiple lines of investigation are required to achieve a definitive diagnosis, and even then, the identity of the disorder may remain unclear.[1]

Genetic testing can:

- Confirm the nature of your patient's hereditary anemia, and determine whether it has more than one cause
- Define the right management plan, mitigate disease impact on quality of life, and open up treatment possibilities
- Inform genetic counseling discussions

Next-generation sequencing (NGS) offers the ability to test rapidly and accurately for multiple hereditary anemias with a single sample.[2] With the emergence of genetic testing with NGS, you have the opportunity to consolidate multiple lines of investigation to help get your patients the answers they need.

*Genetic testing alone cannot provide a definitive diagnosis.

Order your kit today

WHY GENETIC COUNSELING

The more your patient knows, the more empowered they can be

A definitive diagnosis makes genetic counseling possible, enabling your patient to recognize the risk their disease poses to their health and the management strategies now open to them.

Genetic counseling can help your patient to:

- Understand reproductive risk, and the likelihood that any children could carry or inherit the disorder
- Open up opportunities for clinical trial participation
- Make the most of disease-state education and connect with others diagnosed with their condition

Anemia ID does not pay for or provide genetic counseling to patients. Your patients may be able to receive personalized help through the National Society of Genetic Counselors.

Order your kit today

Patient resources

Additional information sources that may be helpful to your patients.

- Genetic Alliance
  geneticalliance.org
- Genetic and Rare Diseases Information Center (GARD)
  rarediseases.info.nih.gov
- Medline Plus Genetics
  ghr.nlm.nih.gov
- National Society of Genetic Counselors
  nsgc.org
- Online Mendelian Inheritance in Man®
  omim.org
- Stanford at the Tech: Understanding Genetics
  genetics.thetech.org
- National Organization for Rare Disorders
  rarediseases.org
- yourgenome
  yourgenome.org

References:
1. Russo R, Andolfo I, Manna F, et al. Multi-gene panel testing improves diagnosis and management of patients with hereditary anemias. *Am J Hematol.* 2018;93(5):672-682. **2.** Roy N, Wilson E, Henderson S, et al. A novel 33-gene targeted resequencing panel provides accurate, clinical-grade diagnosis and improves patient management for rare inherited anaemias. *Br J Haematol.* 2016;75;318-330.

This program is only available to residents of the United States.

All testing provided to patients through Anemia ID is paid for by Agios Pharmaceuticals. While Agios provides financial support for this program, all tests and services are performed by PerkinElmer Genomics. Agios receives contact information for healthcare professionals who submit tests under this program and limited de-identified aggregate data.

Anemia ID is sponsored by Agios in partnership with PerkinElmer Genomics. Other laboratories may also offer genetic testing.

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