Cystic Fibrosis

Cystic fibrosis is a rare genetic disorder characterized by impaired lung and digestive function. A person must have two variants in the CFTR gene in order to have this condition.

Overview Scientific Details

Jamie, you **have one of the variants** we tested.

You could pass this variant on to your children.

How To Use This Test

This test does not diagnose any health conditions.

Please talk to a healthcare professional if this condition runs in your family, you think you might have this condition, or you have any concerns about your results.

Review the Carrier Status tutorial

See Scientific Details

Intended Uses

- Tests for **multiple variants** in the CFTR gene.
- To identify carrier status for cystic fibrosis.

Limitations

- Does **not test** for all possible variants for the condition.
- Does **not report** if someone has two copies of a tested variant.

Important Ethnicities

- This test is most relevant for people of **European**, **Hispanic/Latino**, and **Ashkenazi Jewish** descent.

You are a carrier.

You could pass this variant on to your children.

We detected one variant for cystic fibrosis.

People with only one variant are not expected to have cystic fibrosis.

Your results may be relevant for you if you're thinking about starting a family.

If you and your partner are both carriers, each child may have a **25% chance** of having this condition. Your relatives may also wish to consider testing if they plan to have children.

About Cystic Fibrosis

When symptoms develop

Symptoms typically develop during infancy.

Typical signs and symptoms

- Chronic cough
- Lung infections
- Pancreatic insufficiency
- Malnutrition
- Infertility in males

Ethnicities most affected

This condition is common in all ethnicities, but most common in people of European descent.

How it's treated

There is currently no known cure. For people with certain CFTR variants, medications can improve the function of the CFTR protein or increase the amount of CFTR protein, which helps treat the underlying cause of the condition. Other treatments focus on managing symptoms and preventing complications such as lung infections and malnutrition.

Read more at: MedlinePlus GeneReviews Mayo Clinic

Consider talking to a healthcare professional if you are thinking about having children.

If you're starting a family, a genetic counselor can help you and your partner understand if additional testing might be appropriate.

Connect with a GC

Share your results with your family.

Share your report

If you have other concerns about your results, consult with a healthcare professional.

Print report

Learn more about this condition and connect with support groups.

Learn more