

## Talking With Your Healthcare Provider About Genetic Testing for Pancreatitis

Diseases and related conditions of the pancreas can be hard to detect, and they have many possible risk factors and potential causes. As a result, traditional tests may be imprecise, making it difficult to quickly make an accurate diagnosis. Fortunately, advances in the understanding of pancreatic disease, combined with new methods of genetic testing, allow for earlier detection, diagnosis, and treatment of pancreatitis. This information may help your healthcare provider develop a more effective course of treatment and minimize the time spent bouncing between specialists and performing diagnostic testing.

### Have A More Informed Discussion With Your Healthcare Provider

#### Questions to Ask

- What are the most likely causes for my condition?
- How might genetics play a part in my condition?
- Should I be concerned if a family member tested positive for a genetic variant related to pancreatitis?
- What are the potential benefits of undergoing genetic testing for my condition?
- How can genetic testing help uncover other risk factors that I may not be aware of?

### Ariel's Genetic Panels

#### ArielDx<sup>®</sup> Pancreatitis

A comprehensive next-generation sequencing (NGS) genetic test that evaluates over 12 genes associated with pancreatitis and CFTR-related disorders.

ArielDx Pancreatitis may be appropriate for anyone who has had unexplained attacks of acute pancreatitis, especially if they are under the age of 35, exhibits symptoms of pancreatic disease, such as abdominal pain after eating, chronic diarrhea, abnormal findings on a CT or MRI, or has had an abnormal laboratory test linked to the pancreas. Genes Evaluated: *CASR*, *CEL*, *CFTR*, *CPA1*, *CTRC*, *GGT1*, *PRSS1*, *PRSS2*, *PRSS3*, *SBDS*, *SPINK1* and *UBR1*, as well as regions of interest near *CLDN2* and in *SLC26A9*.

#### ArielDx<sup>®</sup> Lipids

Elevated levels of fat (lipids) in the blood may also increase the risk or severity of pancreatitis. Ariel offers insights into disorders of lipid metabolism with the ArielDx Lipids panel. ArielDx Lipids evaluates 7 genes associated with elevated triglycerides, a type of fat (lipid). This test may be indicated for patients who have a personal or family history of hypertriglyceridemia. Genes Evaluated: *APOA5*, *APOC2*, *FABP4*, *GPIHBP1*, *LMF1*, *LPL*, and *PPARG*, as well as a region of interest in *APOB*. ArielDx Lipids is currently only available as an add-on panel to ArielDx Pancreatitis or ArielDx Pancreatic Cancer.

## The Benefits of Ariel Genetic Testing

### Convenient At-Home Testing

Ariel's panels can be ordered by a healthcare provider online or by fax. Sample collection can be done in the privacy of your home, using our saliva DNA collection kit.

### Helpful Reimbursement Team

Ariel accepts all insurance plans. Our team will contact you ahead of testing to review your insurance benefits findings and potential financial responsibility for Ariel services.

### Available Genetic Counseling

Ariel provides pre-test genetic counseling and can facilitate post-test genetic counseling to help you understand your results.

## How to Get Started



### 1. Ordered By A Healthcare Provider

Ariel next-generation DNA sequencing panels are ordered by a licensed healthcare provider. To begin, a healthcare provider creates an account and orders your test through our secure portal.



### 2. Patient Registration

You will receive an email with a secure link to register for genetic testing. If you do not have an email address, Ariel will mail the registration forms to you. Once you complete registration, an Ariel team member will contact you to review your insurance benefits and possible out-of-pocket cost for Ariel's services. If your care provider has requested pre-test genetic counseling for you, a genetic counselor will contact you by phone to schedule.



### 3. DNA Collection

Ariel will ship a DNA collection kit to you for sample collection. Our painless DNA collection process uses a large Q-tip (buccal swab), swiped across the inside of your cheek. Ariel includes a pre-paid padded envelope to return the sample directly through the mail.



### 4. Genetic Report

The genetic report will be released electronically to your healthcare provider. They can release the report to you after appropriate counseling. If necessary, please contact our team to discuss having the results reviewed with a genetic counselor.

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