



Understanding Your Genetic Test Result

Single Site—No Mutation Detected

COLARIS *AP*[®]

This workbook is designed to help you understand the results of your genetic test and is best reviewed with your healthcare provider. Please verify that your test result matches the following information by looking at the patient copy of your test result or contacting the healthcare provider who ordered your test. If your test result does not match, please disregard this brochure, and contact your healthcare provider.

Overview of Adenomatous Polyposis Syndromes

Mutations in *APC* and *MYH* cause most cases of adenomatous polyposis syndromes. These syndromes include familial adenomatous polyposis (FAP), attenuated familial adenomatous polyposis (AFAP), and *MYH*-associated polyposis (MAP). These syndromes are associated with the development of varying numbers of adenomas (pre-cancerous polyps) in the colon and rectum. They also lead to an increased risk of colon/rectal (colorectal) cancer and, in some cases, other types of cancer.

Your Genetic Test Result

THE GENETIC TEST YOU RECEIVED

Single Site COLARIS AP®—

Mutation-specific analysis for individuals with a known *APC* or *MYH* gene mutation(s) in the family.

YOUR TEST RESULT

No Mutation Detected

Overview of Your Test Result

- One or more of your blood relatives previously had genetic testing and a mutation(s) was identified in *APC* or *MYH*.
- You were tested for the specific mutation(s) and no mutation(s) was detected.
- You did not inherit the *APC* or *MYH* mutation(s) that runs in your family.
- You do not have an adenomatous polyposis syndrome*.

* If you have a history of cancer on both your mother's and father's side of the family, you should talk to your healthcare provider about whether any additional genetic testing is appropriate.

Your Cancer Risks

Everyone has some chance of developing cancer. While your Single Site COLARIS AP test result indicates that you do not have an adenomatous polyposis syndrome, you still have the general population risk to develop any type of cancer, including colorectal. Your cancer risk may still be above average, due to other genetic, environmental, or lifestyle risk factors that may be present in your family. Talk to your healthcare provider about your specific risk profile.

Cancer risks for the general population by age 70	General population
Colorectal cancer	2%
Duodenal cancer	<1%
Pancreatic cancer	<1%
Thyroid cancer	<1%
Stomach cancer	<1%

Managing Your Risks*

Based on the American Cancer Society screening guidelines for colorectal cancer in individuals at average risk, you should begin one of the following at age 50:

- Yearly fecal occult blood testing (FOBT) or fecal immunochemical test (FIT), *OR*
- Flexible sigmoidoscopy every 5 years, *OR*
- Yearly FOBT or FIT plus flexible sigmoidoscopy every 5 years, *OR*
- Double contrast barium enema (DCBE) every 5 years, *OR*
- Colonoscopy every 10 years

There are no general population screening guidelines for other cancer associated with adenomatous polyposis syndromes. Talk to your healthcare provider about the cancer screening options available to you.

*For references and supporting data on risk factors and medical management, visit www.myriadpro.com/references

It's a Family Affair

- *APC* and *MYH* mutations are passed on in a family.
- You had this genetic test because someone in your family had an identified *APC* or *MYH* mutation(s).
 - ◆ You did not inherit the mutation(s) that runs in your family.
 - ◆ Since you did not inherit the mutation(s), you cannot pass it on to your children and they do not need to be tested for the mutation(s).
- There may be other relatives in your family still at risk to have inherited the mutation(s) who may want to consider Single Site COLARIS AP® testing.
 - ◆ Your healthcare provider can assist you in determining which of your relatives should consider genetic testing.

Myriad has resources available to help you with your genetic test result.

- **Contact Myriad's Medical Services Department at 800-469-7423 for:**
 - ◆ Answers to questions about your test result.
 - ◆ Information about genetic testing for your relatives.
- **Or, visit Myriad's website for:**
 - ◆ A sample letter that can be sent to relatives who may need genetic testing can be found at www.MyriadTests.com/letterCOAP4SingleSite.
 - ◆ A healthcare provider who can offer genetic testing to relatives in any state can be found at www.MyriadTests.com/findadoctor.

If you need a copy of your genetic test result, please contact the healthcare provider who ordered your test.

Notes/Questions

Next Steps

Please work with your healthcare provider to determine the most appropriate next steps for you.

- Obtain a copy of your test result.
- Schedule consultations with appropriate healthcare providers (list below).

- Create a plan for medical management.

- Consider sharing your genetic test result with your relatives.

Notes/Questions



MySupport360.com



Myriad Genetic Laboratories, Inc.
320 Wakara Way
Salt Lake City, UT 84108
800-469-7423

Myriad, the Myriad logo, COLARIS AP, the COLARIS AP logo, MySupport360, and the MySupport360 logo are either trademarks or registered trademarks of Myriad Genetics, Inc. in the United States and other jurisdictions.

THIS INFORMATION IS PROVIDED TO HELP ANSWER SOME OF YOUR QUESTIONS WITH RESPECT TO CANCER RISKS, HEREDITARY CANCER RISKS, AND PRE-DISPOSITIONAL CANCER TESTING. IT IS GENERAL IN NATURE AND IS NOT INTENDED TO PROVIDE A DEFINITIVE ANALYSIS OF YOUR SPECIFIC RISK FACTORS FOR CANCER OR YOUR HEREDITARY CANCER RISKS. YOU SHOULD NOT RELY ON THE INFORMATION PROVIDED HEREIN; BUT RATHER, YOU SHOULD CONSULT WITH YOUR DOCTOR OR A QUALIFIED HEALTHCARE PROFESSIONAL TO REVIEW THIS INFORMATION ALONG WITH YOUR INDIVIDUAL HEALTH CONDITIONS AND RISK FACTORS.

© 2013, Myriad Genetic Laboratories, Inc.

COAP4SS/02-13

COAP4SingleSite