CONFIDENTIAL

Comprehensive COLARIS AP®
APC Analysis and *MYH* Mutation Panel Result

PHYSICIAN	SPECIMEN	PATIENT
John Smith, MD **Comprehensive Medical Center** **1100 Grand Ave** **Away, GA 12345**	Specimen: **Blood** Draw date: **Aug 01, 2010** Accession date: **Aug 02, 2010** Report Date: **Aug 12, 2010**	Name: **Doe, Jane** Date of Birth: **April 1, 1492** Patient ID: **000000** Gender: **Female** Accession #: **00000000-BLD** Requisition #: **000000**

Test Results and Interpretation

GENETIC VARIANT OF UNCERTAIN SIGNIFICANCE

Test Performed:	Result:	Interpretation:
APC sequencing	R99W (295C>T)	Uncertain Significance
comprehensive rearrangement	No Mutation Detected	No Mutation Detected
G382D (1145G>A) *MYH*	No Mutation Detected	No Mutation Detected
Y165C (494A>G) *MYH*	No Mutation Detected	No Mutation Detected

Analysis consists of sequencing of all exons and immediately adjacent intronic regions of the APC gene and a comprehensive rearrangement test of APC by Southern blot, as well as analysis of the specific MYH mutations indicated above. The classification and interpretation of all variants identified in this assay reflects the current state of scientific understanding at the time this report was issued. In some instances, the classification and interpretation of such variants may change as new scientific information becomes available.

The *APC* variant R99W results in the substitution of tryptophan for arginine at amino acid position 99 of the *APC* protein. Because the effect of this variant in the function of the *APC* protein is not yet known, its significance with regard to the relative risk of cancer cannot be determined from this analysis.

Please contact Myriad Professional Support at 1-800-469-7423 to discuss any questions regarding this result.

Director Name Here
Qualifications Here

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Qualifications Here

These test results should only be used in conjunction with the patient's clinical history and any previous analysis of appropriate family members. It is strongly recommended that these test results be communicated to the patient in a setting that includes appropriate counseling. The accompanying Technical Specifications summary describes the analysis, method, performance characteristics, nomenclature, and interpretive criteria of this test. This test may be considered investigational by some states. This test and its performance characteristics were determined by Myriad Genetic Laboratories. It has not been reviewed by the U.S. Food and Drug Administration. The FDA has determined that such clearance or approval is not necessary.