

# Understanding Your Negative Chromosomal Microarray Test Result

INFORMATION FOR PATIENTS

<b>Chromosomes and Genes</b>	Chromosomes are packages of DNA. They are made up of genes that provide instructions for how our bodies develop. Almost everyone has two copies of each chromosome, one from each parent. Variants (changes) in our genes or chromosomes can cause genetic conditions. These changes may be passed down in families or be brand new for the person who has a genetic condition. Even if there is no history of the specific condition in your family, it can still be caused by a change in a person's genes or chromosomes.
<b>SNP Array</b>	Single nucleotide polymorphism microarray (SNP Array) testing is a specific type of genetic test used to find changes in a person's chromosomes. These changes are called copy number variations (or CNVs). CNVs are changes that involve extra ("gain") or missing ("loss") of a person's chromosomes. SNP Array testing is not designed to find all types of genetic changes in a person's DNA, only CNVs.
<b>Result</b>	The SNP Array result was negative, which means that the test did not find any CNVs that are pathogenic (known to be disease-causing) or likely pathogenic (likely to be disease-causing). There may still be a genetic cause of the symptoms in the person who was tested that cannot be identified by this type of test. It is also possible that the symptoms may not be caused by a change in the person's chromosomes or genes.
<b>Diagnosis</b>	This testing does not change the diagnosis for the person who was tested. If you/your family member have been diagnosed with a specific condition, that remains the same.
<b>Further Testing</b>	Talk with your healthcare provider to learn more about whether you or your family member might have other genetic test results still pending or need additional genetic testing.
<b>Management Options</b>	Management options vary by condition and other factors. Talk to your healthcare provider about which treatment options may be helpful.

Please discuss this information with your healthcare provider. The field of genetics is continuously changing, so updates related to your genetic testing result, medical recommendations, and/or potential treatments may be available over time. This information is not meant to replace a discussion with a healthcare provider, and should not be considered or interpreted as medical advice.