

Getting your results

Your sample will be taken and checked. The results will be sent to your healthcare professional.

They will discuss with you whether your SNP array test:

- Shows a change which explains your medical condition. This might affect your treatment and tell family members of their risk of developing problems.
- Shows a change which could explain your medical condition, but more tests are needed. This might mean testing other family members or comparing your alteration with other individuals.
- Shows a change in your genes that we don't understand.
- Has not found the cause of your medical condition.
- Shows an unexpected change in your genome not related to your condition that may affect the health of you or family members.

I've already had a microarray?

If you have had a normal microarray result in the past, you may still benefit from a SNP array, as it can detect additional information about your genes.

Further information

CONTACT US

email: gst-tr.hellogenomics@nhs.net

website:

<https://southeastgenomics.nhs.uk/>

UNIQUE

Offers support and information for families diagnosed with rare chromosome disorders.

t: 0188 372 3356 w:

<https://rarechromo.org>



**South East
Genomic Laboratory Hub**

SNP array

Information for patients and families

This leaflet is for patients who are offered a **SNP array** test for physical, developmental, learning or behavioural disorders.

What is your genome?

Your genome is the information needed to build the human body and keep it healthy

It is written in a code called **DNA**.

Your genome is made up of thousands of segments of DNA. These are called **genes**.

Many disorders are caused by changes in your genes and may be inherited.

Your healthcare professional will give you more information before you decide whether to have the test.

What is a SNP array?

In SNP array testing all the information that is needed to build and maintain your body (genome) is collected and checked by a scientist.

There are two copies of all of your genes. One from each parent.

A SNP array looks to see if any of the genes are missing or if there are extra copies present.

Your healthcare professional will give you more information before you decide whether to have the test.

Why have you been offered a SNP array test?

Your healthcare professional has identified that you have a physical, developmental, learning or behavioural disorder.

SNP array testing may find out if your health condition is caused by a change in your genes.

What can a SNP array test tell you?

Your SNP array test result may help to:

- diagnose your condition
- suggest the best treatment
- tell you if you have a higher risk of getting a condition
- tell you whether members of your family may also have a higher risk of getting a condition or whether it could be passed on to your children

If so, other family members may be offered testing. Your healthcare professional will talk about this with you.