R208 Genetic Panel- Inherited Breast Cancertest: normal test result

You had an R208 gene panel test that looked at genes that can cause hereditary breast cancer.

**The test result is normal. No harmful changes in these genes were found in your blood sample.**

What does this result mean for me?

This means we have **not** found a harmful change in the *BRCA1, BRCA2, PALB2, ATM, CHEK2, RAD51C* and *RAD51D* genes which would put you at high risk of developing another cancer.

A normal result is common. In most people with breast and/or ovarian cancer no alteration in these genes is found. If you have a strong family history of breast and/or other cancers, or if you developed cancer at an unusually young age, it may be helpful to investigate this further. The cancer team will discuss this with you and may refer you for further assessment by the Clinical Genetics team.

What does this result mean for my relatives?

This result is good news for your relatives, as it means they are less likely to be at an increased risk of developing breast cancer themselves. You may wish to share this result with them.

All women are eligible to have mammograms from 50 years in the National Breast Screening Programme. Depending on the family history, some women may be eligible for mammograms at an earlier age, even if there has been a normal R208 gene panel test in the family. Your cancer team will discuss your individual risk of breast cancer and if you, or your relatives, fall into a ‘higher risk’ category and can have earlier screening.

There is currently no known effective form of ovarian screening. If a woman has more than one relative with ovarian cancer, removal of the ovaries is sometimes considered. If this is the case in your family, please discuss this further with your cancer team.

If any of your relatives wish to discuss their own risks of cancer further, they should speak with their GP who can refer them to the local Family History screening clinic.

If you have any further questions, please contact your cancer team.

Department: TEMPLATE

Review due: FILL GAP