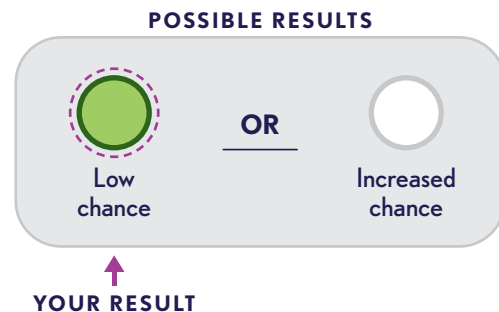


You and your reproductive partner had genetic carrier screening through the Mackenzie's Mission study. This screens approximately 1,300 genes associated with about 750 serious inherited conditions occurring in childhood. The laboratory performing the screening issued a **low risk** result for you and your partner. This fact sheet explains what the result means.

Your result showed that you and your reproductive partner have a **low chance** of having a child with any of the serious genetic conditions screened.



What does a 'low chance' mean?

A low chance result can provide reassurance to people who are planning a pregnancy or in early pregnancy. This result means it is **unlikely** that you and your reproductive partner will have a child affected with a serious inherited genetic condition associated with the genes screened.

The screening you had covers a very large number of genes. It includes many different genetic conditions affecting children, including conditions that cause intellectual disability, physical conditions, and/or shortened lifespan. A full list of the genes and conditions included in the screening can be accessed here:

[mackenziesmission.org.au/
what-conditions-are-screened](https://mackenziesmission.org.au/what-conditions-are-screened)

It is important to understand that a low chance result means **your chance of having a child with any of the severe inherited genetic conditions screened is reduced, but not eliminated**. It is not currently possible for anyone to receive a 'zero chance' result because: the results are based on current understanding of genetic information, which continues to evolve; some genetic changes may not be detected due to testing limitations; mild and/or adult-onset forms of the tested conditions are not reported; in some cases, not all genes associated with a particular genetic condition are included; and the screening does not include all genetic conditions.

You can be reassured that a 'low chance' result is the lowest risk result that anybody can receive for the genetic carrier screening in this study.

ANYTHING ELSE I SHOULD KNOW?

This result is only relevant to you and your current reproductive partner and applies to any pregnancies you have together now, or in the future. If you or your current reproductive partner choose to have a child with a new partner, repeating reproductive genetic carrier screening with the new partner is recommended.

WHAT NEXT?

If you are planning a pregnancy or in early pregnancy, there are other tests you may wish to consider. It is important to understand the screening provided through **Mackenzie's Mission does not cover some inherited genetic blood conditions** (like thalassaemia) or **chromosome conditions** (like Down syndrome). We encourage you to discuss your result, along with other screening options available to you with your healthcare provider.

THANK YOU FOR
TAKING PART IN
MACKENZIE'S
MISSION



If you have any questions about your result or require further information, please contact our study team.

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