prepair™ genetic carrier screening

What is *prepair* carrier screening?

prepair carrier screening is a genetic test for you and your reproductive partner to find out if you have an increased chance of having children with a genetic condition.

Anyone can be a carrier for a genetic condition, even if no one in their family has that condition. [1]

Why might I have carrier screening?

prepair carrier screening helps you understand your chance of having children with an inherited genetic condition.

When can I have carrier screening?

Genetic carrier screening is ideally done before you get pregnant. Having this information before pregnancy allows you to consider your reproductive options (e.g. IVF and pre-implantation genetic diagnosis).

Carrier screening can also be done during early pregnancy. Couples with an increased chance of having children with an inherited genetic condition can then choose to have diagnostic testing. This can tell you if your pregnancy has the genetic condition.

[1]*Archibald, A. D., et al (2018). Reproductive genetic carrier screening for cystic fibrosis, fragile X syndrome, and spinal muscular atrophy in Australia: outcomes of 12,000 tests. Genetics in Medicine, 20(5), 513-523.*

How does carrier screening work?

Carrier screening can be done using a saliva or blood sample.

***prepair* 3** is our standard screening test.

This test looks at three common, inherited genetic conditions in our population.
This test is bulk billed for Medicare eligible patients:

- Cystic fibrosis (CF)
- Fragile X syndrome (FXS)
- Spinal muscular atrophy (SMA)

We also offer two broader screening tests, covering more genes and conditions. These are couple-based tests, testing both partners together.

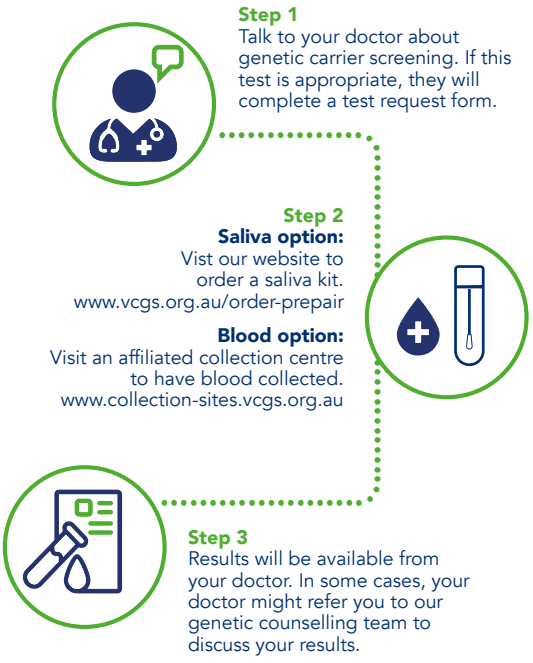
***prepair* 500+** **(*prepair* 3 with additonal 500+ gene test)**

This test looks at over 500 genes, including genes for CF, FXS, SMA.

***prepair* 1000+** **(*prepair* 3 with additonal 1000+ gene test)**

This is our most comprehensive screening option. It looks at over 1000 genes associated with more than 750 conditions, including CF, FXS, SMA.

How do I arrange testing?



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Compare test options

		Expanded *prepair* options:	
	***prepair* 3**	***prepair* 500+**	***prepair* 1000+**
What is covered?	Cystic fibrosis (CF), fragile X syndrome (FXS), spinal muscular atrophy (SMA).	*prepair* 3 & additional 500+ gene test.	*prepair* 3 & additional 1000+ gene test.
Who is tested?	Biological female usually screened first.	Both biological parents screened together.	Both biological parents screened together.
How long does it take?	2 weeks*	5-6 weeks*	5-6 weeks*
How much does it cost?	Bulk billed if Medicare eligible. Non-Medicare $389.	$975/ couple if Medicare eligible for *prepair* 3. Non-Medicare $1364.	$1500/ couple if Medicare eligible for *prepair* 3. Non-Medicare $1889.
When is testing done?	Ideally before 12 weeks of pregnancy.	Ideally before 12 weeks of pregnancy.	Ideally before 12 weeks of pregnancy.
What type of results are reported?	Individual carrier results for CF, FXS and SMA.	Individual carrier status for CF, FXS, SMA is reported for female only. A couple-based risk is reported for 500+.	Individual carrier status for CF, FXS, SMA is reported for female only. A couple-based risk is reported for 1000+.

* From when the laboratory receives your sample(s).

Key things to know

- You can be a carrier of a genetic condition even if no one in your family has that condition.
- Most people get reassuring results. This means there is a low chance of having a child with any of these conditions.
- Even with a low chance result however, there remains a small chance of having children with a genetic condition.
- If you and your partner have an increased chance of having children with a genetic condition, our genetic counselling team will guide you through your options.

More information

Comprehensive information about carrier screening is available on our website.

You can also contact our genetic counselling team with any queries, before or after testing.

Pregnancy screening team: (03) 9936 6402

Carrier screening website

vcgs.org.au/prepair-carrier-screening

Blood collection site

To find a blood collection site please vist https://collection-sites.vcgs.org.au/

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