

Why wait to feel better?

The **Genecept Assay**[®] can help get you there faster.



Testing with the Genecept Assay[®] can help you feel better, faster

Why is testing with Genecept a good idea?

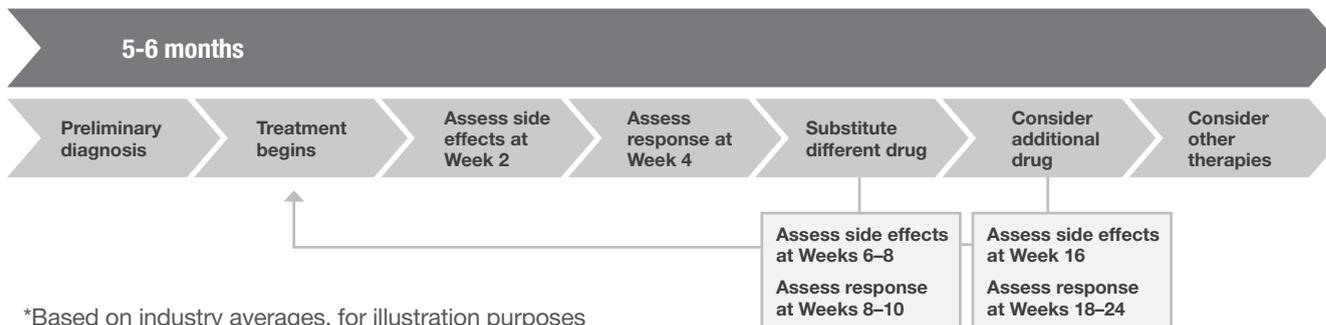
Up to half of all patients respond poorly to the first psychiatric medication they try. That's because everyone's body is different, and how your body responds to a given medication is influenced by your genetic makeup, or your individual DNA.

Genecept looks at key genes in your body that affect how it responds to medication. This can help your clinician understand if a drug may work for you before you even try it. With this information and your history, your clinician can find the right treatments so you can feel better, faster.

Treatment for depression: guided by Genecept¹



Treatment for depression: conventional drug trial process*



*Based on industry averages, for illustration purposes only. Individual timelines may vary.

What is Genecept?

The Genecept Assay is a test that looks at genes that may affect your body's ability to benefit from certain drugs and other treatments. Genecept is a unique test that looks at a group of key genes that are specific to mental health treatments. It can help your clinician decide which medication and dose may work best for your symptoms. Clinicians generally use the test to help guide their treatment plans for patients who suffer from depression, anxiety, ADHD and bipolar disorder, among other mental health conditions.

Genecept tests two types of genes to help your clinician make treatment decisions.

Pharmacodynamic genes are a type of gene that indicates the effect a drug has on the body. It helps inform the selection of drugs that are safe, with low or no side effects, and that are effective in relieving symptoms.

Pharmacokinetic genes are a type of gene that indicates the effect your body has on the drug, determining the speed at which the body breaks down and gets rid of the drug. The pharmacokinetic genes inform the dosage. The faster or slower your body processes a drug determines the dose that may be required for the drug to be safe and effective.

How does this testing work? What's the process?

Providing a sample for Genecept is simple; it requires only a small sample of your saliva, collected by swabbing the inside of your cheek with a cotton swab. The sample is sent to the laboratory for testing. Your test results are reported to your clinician 5–8 business days after your sample is received at the laboratory.

What do the results tell me and my clinician?

Your clinician will review your results with you and develop a personalized treatment plan specific to your genetic makeup. Dynacare always offers the services of our experts, including pharmacists and physicians, who can provide your clinician with additional guidance and explanation to understand your test results. Genecept reports three possible types of results:

- A **positive or clinically significant** gene result. This means you have a gene variation(s) that may affect how your body responds to medication. Each positive result will have further guidance for your clinician to consider for your treatment.
- A **negative or non-clinically significant** gene result (normal). This means that the gene tested does not have a variation (is normal) and has no known effect on treatment with medications.
- An **indeterminate** gene result, or a gene variation of uncertain clinical significance. This type of test result occurs rarely. An indeterminate result means we were not able to determine a positive or negative result for a given gene or variant. In these rare instances, it may be possible to retest the gene with a new sample.

Genecept reduces the time to find the right treatment

In a recent study, clinicians reported that 87% of their patients showed improvement with treatment guided by Genecept.¹ They also reported improvement in 91% of patients who had failed at least two medications in the past.

Testing with Genecept can help your clinician and you choose a medication and a dosage that work well for your body, whether you are new to treatment or your current treatment isn't working. This can save you a lot of time. Best of all, you can feel better much sooner.

Personalized medicine for brain health

From treating the illness
to treating the individual

**The Genecept Assay—proven to help find the right
treatment sooner. Why wait?**

**To learn more, contact us at 888.988.1888
or visit dynacare.ca.**

1. Brennan FX et al. *Prim Care Companion CNS Disord* 2015;17(2).

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