



Human immunodeficiency virus



Did you know...?

Today, more than 1.1 million people in this country have HIV. Men, women, and people of all ages are getting infected.

Source- WHO

HIV DNA PCR is used to detect HIV-1 provirus in highly conserved regions of the viral genome. This test can be performed within 24 hours of infection and has a sensitivity and a specificity of 95% and 97%, respectively.

Knowing your HIV status early can make all the difference

- HIV (Human immunodeficiency virus) is a virus which causes AIDS (Acquired immunodeficiency syndrome). It weakens the immune system.
- Even people without symptoms suffer ongoing damage to their immune systems and can pass the virus to others. So early testing and treatment are important.

Know for sure. Get tested.

Who should get tested?

Everyone should know their HIV status and be tested at least once for HIV. People infected with HIV may have no symptoms for many years.

What you should know about the HIV Greenarray test?

A Greenarray HIV test will show definitive results

Other normal blood routine tests do not show if you have HIV

Early detection helps in regular medical care and treatment for HIV

A negative test ensures you don't have the disease and prevention of it in future

Test done by Greenarray lab to assess HIV: **Real time Assay**

Who can have HIV?

A person with HIV can look and feel healthy and still transmit it to others. Any person who has had unprotected sex might have been exposed. The same is true of anyone who has ever injected drugs and shared a needle. Often, a person with HIV doesn't appear to be sick

Test is simple

- Blood is drawn from your finger or vein
- Sometimes a swab of your mouth may also be taken

Sensitivity and specificity of the test

	False Negative	False Positive	Sensitivity	Specificity
HIV DNA PCR	0 (0%)	12 (80%)	100%	53.9%
HIV RNA PCR	0(0%)	0 (0%)	100%	100%

Reference:

1. Shah I. Efficacy of HIV PCR techniques to diagnose HIV in infants born to HIV infected mothers--an Indian perspective. *J Assoc Physicians India*. 2006;54:197-199.
2. Content source: Division of HIV/AIDS Prevention, National Center for HIV/AIDS, Viral Hepatitis, STD, and TB Prevention, Centers for Disease Control and Prevention
3. World Health Organization. Paediatric HIV and treatment of children living with HIV. Available at <http://www.who.int/hiv/paediatric/en/index.html>. Accessed: June 22, 2011.

About Green Array

Green Array is a molecular diagnostic company. We offers diagnosis of infectious diseases, genetic testing and healthcare information to improve health and wellness. Our goal is to provide high quality affordable and accessible services