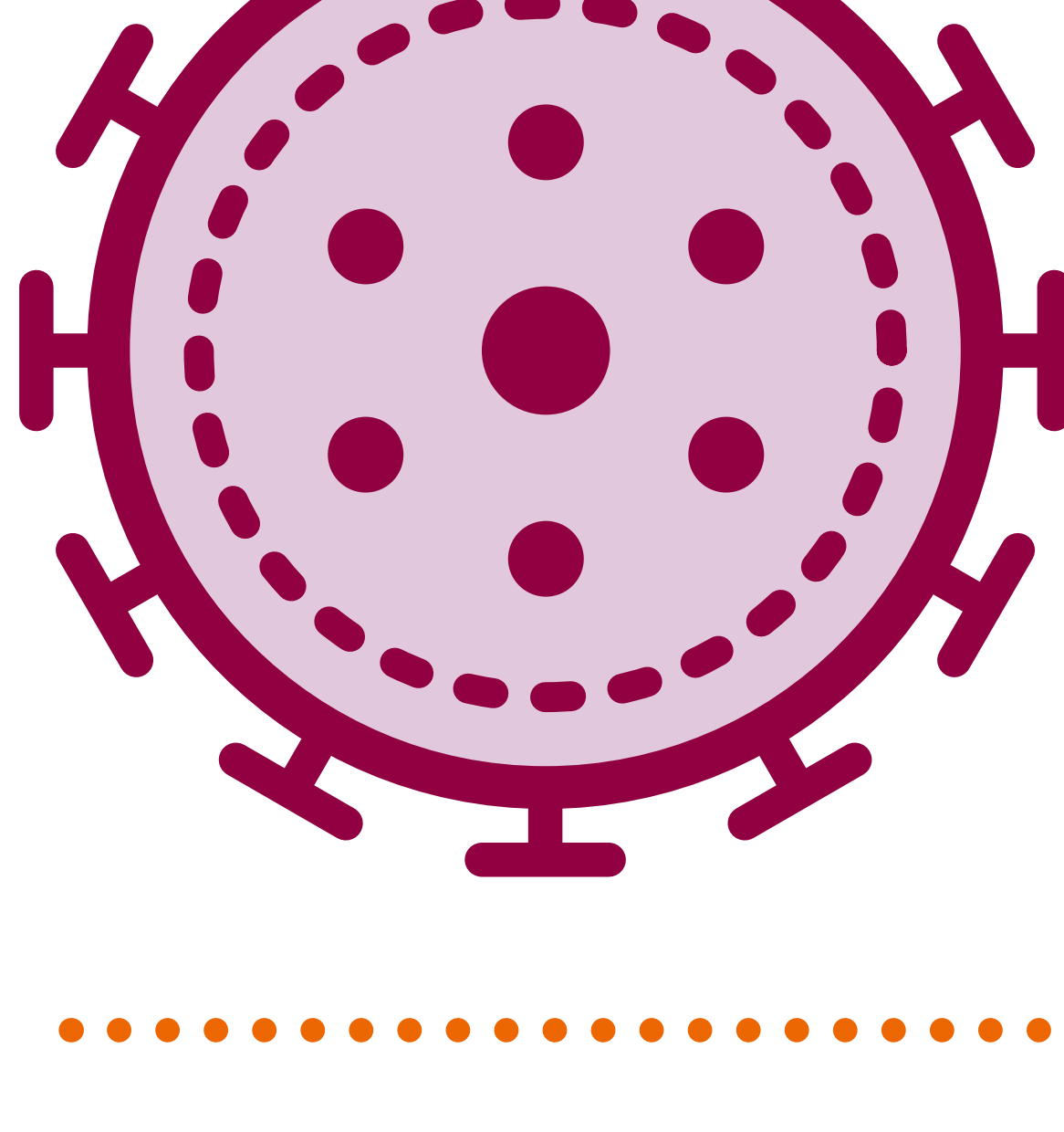


HIV Screening Recommendations: The Impact to Patients and Your Laboratory.

How efficient, reliable testing can support population health

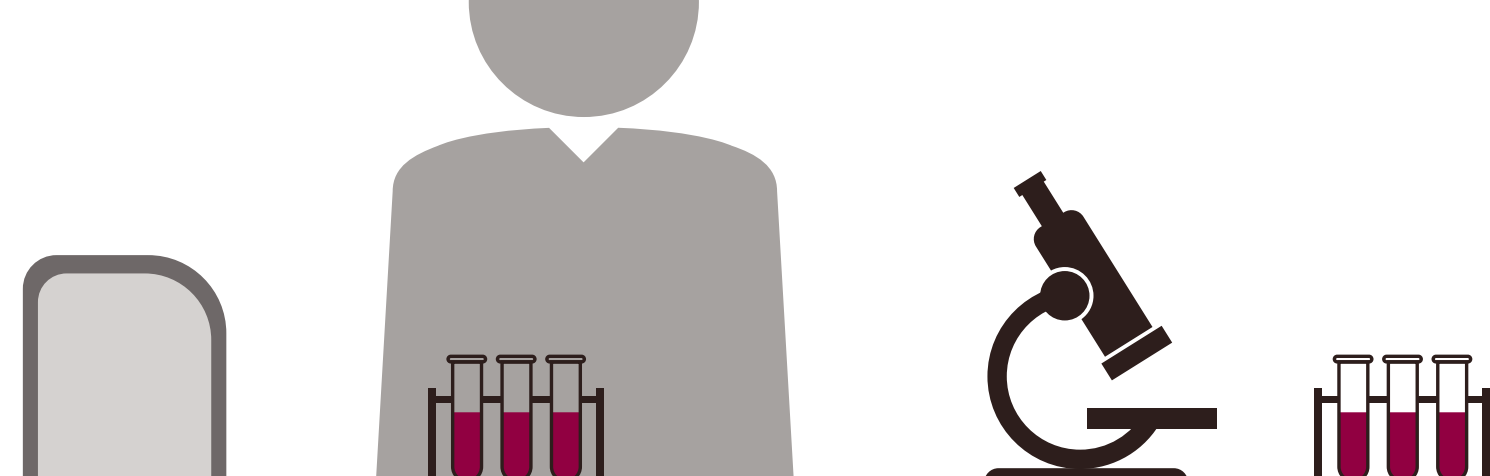
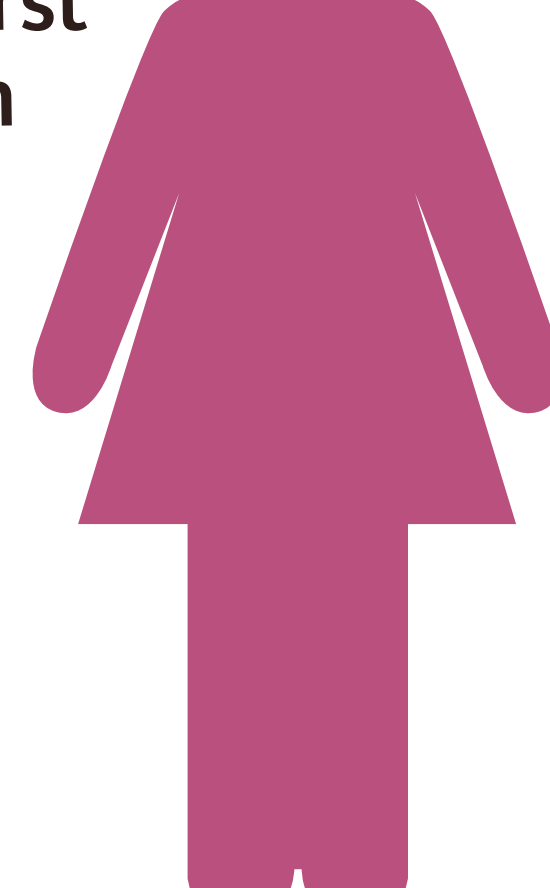


The human immunodeficiency virus (HIV) destroys the function of immune cells, gradually making patients immunodeficient.

The disease is classified in three stages:¹

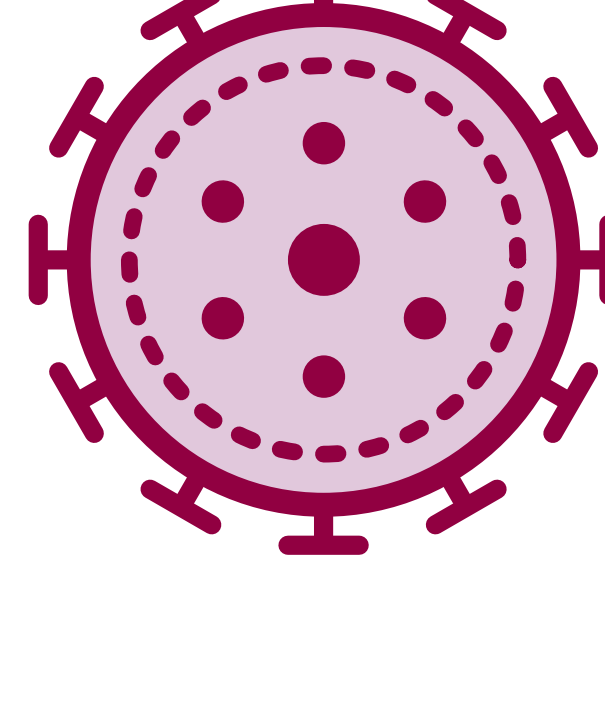
- Acute infection
- Clinical latency
- Acquired immunodeficiency syndrome or AIDS (the most advanced stage)

Patients are often more infectious in the first few months of acquiring HIV—a time when many are unaware they are infected.²



Your laboratory's ability to accurately and efficiently diagnose HIV early can have a profound impact on patient outcomes and disease infection rates within your community.

The Facts about HIV in the U.S.



50,000



the estimated number of new HIV infections each year³

1 in 8



of those infected with HIV don't know they have it³

44%

Young people are most likely to be unaware of their infection: of people ages 13-24 who have HIV don't know they have it.⁴

In 2014, only

42%

of people ages 18-64 reported receiving an HIV test.⁵

A 2009 CDC study showed that **91.5%** of all new HIV infections in the U.S. were transmitted from people who were not in medical care, including those who did not know they were infected.⁶

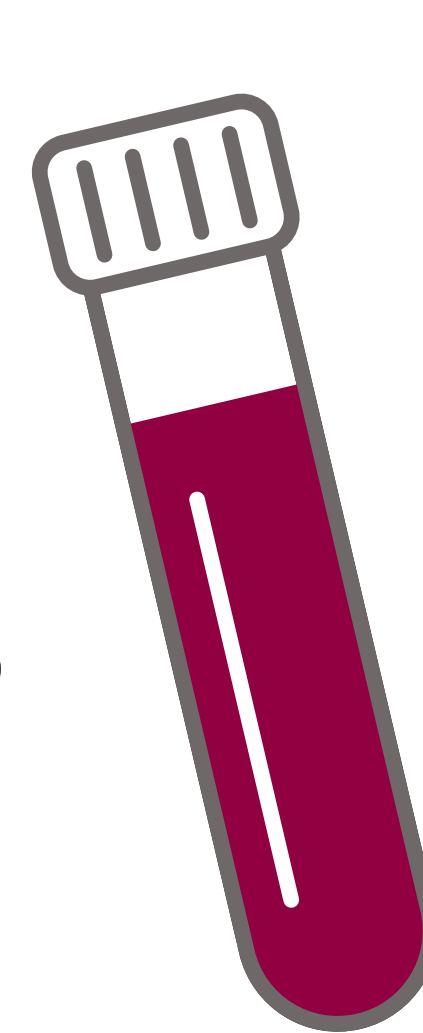
Why Early Diagnosis Matters

Although AIDS usually develops 8-10 years after the initial HIV infection, a troubling number of patients develop AIDS within just one year of being identified as HIV positive.⁷

Without antiretroviral therapy, most HIV-infected people will eventually develop progressive immunodeficiency, leading to AIDS-defining illnesses and premature death.⁸

CDC Screening Recommendations

The CDC recommends general screening for anyone between the ages of 13 and 64 who presents in a healthcare setting. All expectant mothers should also receive comprehensive screening.⁹



An Accurate, Reliable Blood Test Can Save Lives

Designed to simultaneously detect the presence of the HIV viral protection and the antibodies produced in response to the HIV viral infection, the ADVIA Centaur® HIV Ag/AB Combo (CHIV) assay can aid the diagnosis of HIV infection in pediatric and adult populations, including pregnant women.

As part of a comprehensive infectious disease portfolio, the ADVIA Centaur HIV Ag/Ab Combo can help your laboratory efficiently and effectively meet today's HIV screening recommendations.

To learn more, visit

usa.siemens.com/hiv-testing

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