

HIV SELF-SCREENING:

What it is and how to integrate it into HIV Testing Services

The National Department of Health and the South African Pharmacy Council supports the use of WHO approved HIV self-screening kits for people who may not be able to access facility-based testing for different reasons. HIV self-screening provides an opportunity for such people to screen themselves in private and in their own time.

HIV self-screening is not intended to displace facility-based HIV testing but is rather a complementary approach to reach previously untested, hard-to-reach, and test-averse populations.

Currently, the WHO approved OraQuick oral HIV self-screening kit is approved for the South African market. The OraQuick oral HIV self-screening kit detects HIV antibodies in oral fluids collected from a gum swab.



Any positive result from a self-screening kit requires confirmatory testing using the national HIV testing algorithm.

Display algorithm NOW including HIV self-screening.

References:
 • Guidelines on HIV self-testing and partner notification: supplement to consolidated guidelines on HIV testing services. World Health Organization 2016.
 • National HIV testing services policy. South Africa National Department of Health 2016.

HIV self-screening refers to a process in which a person collects his or her own specimen (oral fluid or blood) and then performs an HIV test and interprets the result, often in a private setting, either alone or with someone he or she trusts.

All healthcare providers should support clients who have self-screened by conducting a rapid HIV screening test and if positive, a confirmatory rapid HIV test together with appropriate pre- and post-test counselling.

A **reactive (positive) result** always requires confirmatory testing by a trained tester following the national testing algorithm.

Interpretation of a **non-reactive (negative) result** will depend on the ongoing risk of HIV exposure. Individuals with possible exposure within the past 3 months should be encouraged to re-screen 3 months after possible HIV exposure. While individuals with high ongoing risk, should be encouraged to re-screen regularly. Re-screening can be done with an HIV self-test or a facility-based rapid test.

A person may also get an **invalid result** or may have **struggled to interpret their result**. Instructions in the kit recommend attending a health facility where a trained tester will conduct testing following the national testing algorithm.

HIV self-screening is **not recommended for anyone on ARVs or PrEP**, as it may lead to a false negative result. It has also **not been validated** for any person **under the age of 12 years**.

HIV self-screening is **acceptable** to many people across different contexts and can therefore **increase uptake and frequency of HIV testing**, particularly among populations at high ongoing risk of HIV, who may be less likely to access testing or test less frequently than recommended.

HIV self-screening kits used by self-testers can perform as **accurately** as when used by a trained tester.



Home based



Clinic based

CLIENT PERFORMS HIV SELF-SCREEN AT HOME

Reactive (Positive) Result

Client needs to seek confirmatory testing

Non Reactive (Negative) Result

Client advised:

- To retest if HIV exposure in past 3 months or less, and
- To seek linkage to relevant HIV prevention services

Follow National HIV Testing Algorithm

Rapid HIV Screening Test

HIV Reactive (Positive)

HIV Non-Reactive (Negative)

Rapid HIV Confirmation Test

Reactive

Non-Reactive

HIV POSITIVE

INCONCLUSIVE/DISCREPANT

REFER TO TREATMENT AND CARE

Repeat Test Algorithm

IF: Rapid HIV Screen test and confirmatory test non-reactive: Report **HIV NEGATIVE**

IF: Rapid HIV Screen test reactive and confirmatory test non-reactive: Report as Discrepant and refer to REFLEX LABORATORY TESTING

IF: Rapid HIV Screen test reactive and confirmatory test reactive: Report **HIV POSITIVE**

- HIV Combination Prevention**
- Condoms
 - PrEP
 - Counseling
 - PEP
 - Healthy Lifestyles
 - Treatment for STIs
 - MMC
 - ART for partners living with HIV