



atomo
SIMPLY BETTER DIAGNOSTICS



atomo diagnostics
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Enhancing diagnostics through innovation



“Atomo was established with the goal of improving rapid diagnostic testing. We are focused on detection of diseases that present the highest burdens on global populations, and have developed an award-winning test for HIV. As a result, healthcare professionals and patients worldwide are benefiting from easier, safer and more convenient testing.

Our innovative, integrated lateral flow platforms are now being used by IVD partners around the world to support a diverse range of professional use, self-test and OTC applications.

John Kelly, CEO

More about our vision at atomodiagnosics.com



Reimagining rapid diagnostic testing

Consumer self-testing

Atomo Diagnostics is transforming rapid diagnostic testing (RDT) with innovative, user-centred devices that offer excellent performance and unmatched usability.

As well as designing and developing unique solutions for healthcare and diagnostics partners worldwide, Atomo also commercialises best-in-class tests under its own brand.

The multi-award winning AtomoRapid™ HIV professional use RDT has won the respect of frontline healthcare providers. Its all-in-one device functionality simplifies the test procedure, reducing user errors and improving accuracy.

Recognised by global health partners for its role in enabling early diagnosis of HIV, in support of the UNAIDS 90-90-90 goals, Atomo is spearheading development of the next generation of HIV self-test products.

Professional testing

AtomoRapid™ HIV

Professional use rapid diagnostic test



Innovation and integration

Atomo's all-in-one device platforms eliminate the need for extra test equipment, enhancing convenience and usability, and offering distinct benefits over standard multi-component lateral flow kits.

The company has a range of device platforms with integrated features and functionality to suit all in-market needs. User steps are interlocked by design to support ease-of-use, making the platforms suitable for professional point of care (POC) and self-test applications.

Accurate Blood Collection

The easy-to-use blood collection unit is designed to collect exactly the right sample volume, ensuring optimal test performance.

Integrated Buffer Delivery

The unique, patented mechanism delivers the required quantity of chase buffer at the touch of a button.

Easy-to-Read Display

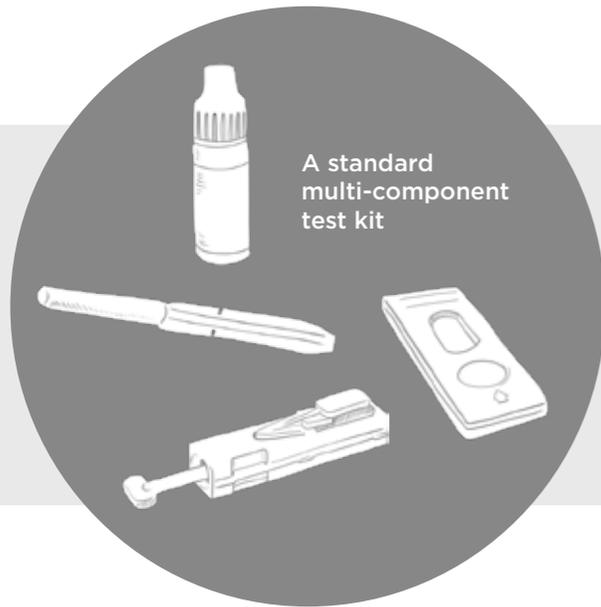
The in-built electronic reader and digital display eliminates risks associated with misinterpretation of test results.

Test Strip

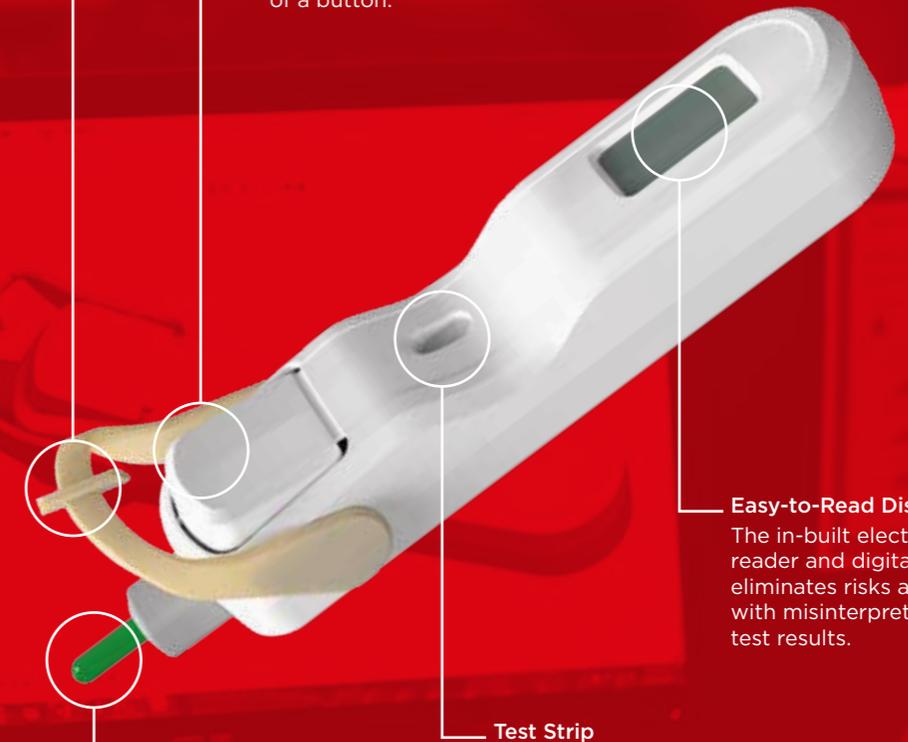
The device can be adapted to accommodate most blood-based lateral flow test strips.

Built-in Safety Lancet

The auto-retracting safety lancet eliminates the risk of hazardous sharps injuries by locking the needle inside the device after use for safe disposal.



A standard multi-component test kit



Discover our device platforms at atomodiagnostics.com



Lance Finger



Collect Blood



Deliver Blood



Deliver Buffer



Read Result



Custom device development

Atomo's patent and device portfolios support efficient and low-risk pathways from product development to commercialisation of new rapid diagnostic tests.

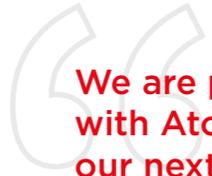
Customisation of Atomo's proven, best-in-class platform technologies is a cost effective option for OEM partners. Platforms can be adapted to suit the specific requirements of most blood-based lateral flow test strips.

Atomo will carry out concept feasibility studies and develop functional prototypes to support laboratory and in-field evaluations, as well as validating and outfitting higher capacity assembly lines.

Easy-to-follow assembly documentation is provided for all OEM projects, along with support for development of technical and risk management files. Assistance can also be provided for regulatory submissions.

Whether you are planning to introduce a new diagnostic test application, or wanting to enhance an existing RDT product offering, Atomo Diagnostics has the knowledge and experience to make it happen.





We are proud to have partnered with Atomo Diagnostics to develop our next generation hCG blood test. By combining the talents of our respective companies, we have created a product that addresses unmet user needs in POC testing with superior accuracy, usability and simplicity.

Milovan Stankov Puges, CEO, NG Biotech

Proven & Recognised

NG Biotech and Atomo collaborated to develop the world's first fully-integrated blood-based rapid test for detection of hCG levels in pregnancy. Requiring only a small blood sample collected easily and comfortably from the fingertip, the device makes testing easier for both professional and lay users.

Full case studies at atomodiagnostics.com



Recent awards:



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