



Galileo

RDT Platform

The Galileo platform makes rapid testing easy and convenient by simplifying the test procedure with interlocked user steps that mitigate common user errors.



The AtomoRapid 'Galileo' RDT platform improves test performance and usability with an integrated safety lancet, unique blood collection and delivery system in an easy to use all-in-one device.

The interlocked user steps make the handheld platform suitable for professional point of care and self-test applications. It can be customised for most lateral flow test strips that use capillary blood samples.

PLATFORM FEATURES	BENEFITS
All-in-one test device	<ul style="list-style-type: none"> • Greater convenience and usability • Integration of features minimises the need for training • Supports clinical waste control by reducing the number of contaminated and potentially hazardous test components for disposal
Interlocked, sequenced user steps	<ul style="list-style-type: none"> • Supports compliance with test procedures • Ensures fewer user errors
Contact activated, auto-retracting safety lancet	<ul style="list-style-type: none"> • Safeguards against needlestick injuries and cross-contamination • Supports compliance to best practice in capillary sampling
Innovative blood collection unit	<ul style="list-style-type: none"> • Simplifies test procedure and ensures easy blood collection • Improves blood volume accuracy
Controlled delivery of blood to the test strip	<ul style="list-style-type: none"> • Eliminates blood splatter by transferring blood sample cleanly • Delivers blood to the correct point on the test strip

PLATFORM SPECIFICATIONS

Type	Single use, disposable lateral flow RDT platform
Device dimensions	108mm x 29mm x 21mm
Safety lancet needle gauge	21G
Needle penetration depth	2.4mm
Blood volume* collected	Designed to accommodate 5µL to 20µL
Test strip dimensions	4 (±0.2)mm x 73.5 (±0.5)mm

*other volumes may be possible, further testing will be required



Lance Finger



Collect Blood



Deliver Blood



Add Buffer



Read Result

Award Winning Design

Atomo rapid diagnostic tests have been recognised internationally for innovative design, performance and ease-of-use.



Discover how partnering with Atomo Diagnostics can provide your business with an efficient and low-risk pathway from product development to commercialisation of your rapid diagnostic test

About Atomo Diagnostics

Atomo is a specialist medical device design and original equipment manufacturing (OEM) company with unique and proprietary technologies that improve rapid diagnostic testing by emphasising ease-of-use, accuracy and performance.

Atomo's all-in-one RDT device platforms put the end user first and make it easy to screen for various chronic conditions and test for a range of infectious diseases.

Quality Assurance & Regulatory

Atomo's operations are ISO 13485 certified for the design, development and manufacture of in vitro diagnostic medical devices.



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