

DxCELL: *Rapid Assay Reader*



The Cellmic DxCELL Rapid Assay Reader, is a high performance, economical, handheld, quantitative reader providing exceptional sensitivity and accuracy for your lateral flow immunoassay tests. The reader is ideal for point-of-care, telemedicine, public health monitoring, as well as lab and manufacturing settings. Reader customization to your requirements is fast, easy, and low cost.

Key Features:

- Highest accuracy and repeatability on the market (CV down to 0.1%; inter-device CV<5%)
- Trans-visual sensitivity with a patented 3-D imaging based analysis: detects < 0.4% OD compared with visual 1%- 2%
- All-in-one reading capability... on the same device: Chromatographic, Colorimetric, Fluorescent, and Chemiluminescent detection
- Universal : works with strips and most cassette formats and sizes
- No costly software/hardware modification necessary
- No limit on multiplexing and interpretation
 - Compatible with array formats and assays with 2D features
 - Special character/feature recognition and signal quantification
 - Complex and counter-intuitive assay interpretation
 - Analyze multiple lines/features per strip and multiples strips per cassette
 - Fastest reading time <20 seconds for any test QR Code for automatic test and patient data entry
- WiFi, Bluetooth, and USB connectivity to peripherals, Internet, and data integration with EHR, LIS and HIS
- HIPAA Compliant Cloud Services for global management of tests and readers and for remote access to test results
- Can also be used standalone in secure No-WiFi environments or remote areas
- CE marked

TEST DEVELOPER SOFTWARE

Tools for Test Manufacturers

The Test Developer Software is a desktop application specially created for manufacturers to develop lateral flow tests. It operates in conjunction with the DxCELL reader enabling quality control during test development as well as reader calibration.



Key Features:

- **DATA ANALYSIS FOR R&D and QC:** Post-processing and analysis of test data acquired by the reader
- **TEST CREATION:** Introducing new test types and their parameters
- **LOT CALIBRATION:** Setting peak location windows, setting thresholds for one or more test and control lines, deriving calibration curves for new manufacturing lots or tests
- **DATA TRANSFER:** Data transfer to the reader via WI-FI or USB

CLOUD SERVICES

Test Management for Manufacturers

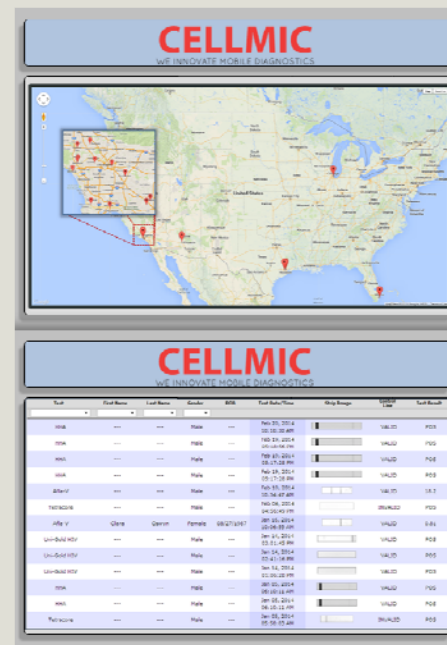
>>> Instantly distribute calibration files globally

>>> Manage assignments of tests and readers to clients and account

Test Results Access for End Users

>>> Access aggregate test results on a local computer or through EHR/LIMS

>>> Access test results and geomaps from anywhere



The DxCell is compliant with ISO 13485 and is available for sale globally. In the US the product is registered with FDA as Class 1 medical device. Currently, it is available for Research Use Only and not for diagnostic procedures. If you are interested in FDA certification of your assay together with the DxCell, please contact Cellmic.



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