



VirClia[®] Lotus

Any test, any sample, any time

RANDOM ACCESS, CONTINUOUS LOADING

VirClia® Lotus accepts any combination of samples and reagents, regardless of the instrument status. Even while running, it remains accessible for reagent and sample addition.

STAT FUNCTION

Urgent samples can be prioritized. With VirClia® Lotus, STAT test requests are given the highest priority for processing.

TOTAL FLEXIBILITY

This true monotest solution allows the laboratory to run esoteric and low-volume infectious serology tests daily, alongside the laboratory routine. VirClia® Lotus unifies in just one CLIA system, all those parameters typically performed with ELISA, IFA or Rapid Tests.

Positive identification of samples



QR code ID of the strips



High precision single tip



POSITIVE IDENTIFICATION OF SAMPLES & STRIPS

VirClia® Lotus built-in scanner allows for full traceability of both samples and strips, avoiding clerical errors.

SAMPLE PRIMARY TUBES

Save hands-on-time using primary tubes (11-16 mm) directly in VirClia® Lotus, avoiding the inconvenience of transferring samples or performing external predilutions.

EXCELLENT TURNAROUND TIME

Results appear as soon as they are processed. The first results are available within 70 minutes and then, every 35 seconds thereafter.

The system is able to process 40 tests in 90 minutes. VirClia® Lotus holds up to 79 different monotests on-board and 50 primary sample tubes.

VIRCLIA®

THE TRUE MONOTEST

All In One

Vircell provides a complete, fully automated platform together with self-contained monotests assays with all the needed reagents in the strip including calibrators and controls.

All Are One

About 90 tests available with compatible protocols, no special workflow considerations. All different assays can be treated as one.



NO HIDDEN COSTS

- > On-demand testing, 1 monotest = 1 reportable test
- > Individual quality control per monotest, no need for extra controls or calibrations
- > Shelf life associated to each individual strip; no throwing away unused components after opening!

TRUE SELF-CONTAINED MONOTEST

- All reagents are included and ready-to-use
- Every monotest includes a calibrator for internal validation
- QR code ID of the strip
- One strip= one result. Nothing else is required

MULTIPARAMETER

- Unmatched infectious diseases menu in CLIA
- Allows to run any number of different VirClia® parameters simultaneously
- Continuous loading, multi-batch testing
- STAT testing capability

CLIA, CHEMILUMINESCENT IMMUNOASSAY

- Highly sensitive detection method
- Extended linearity range
- Qualitative and quantitative tests
- Excellent turnaround time



> OVERVIEW

Method	Chemiluminescence immunoassay (CLIA)
Operation mode	Continuous loading, random access
Urgent Samples Management	STAT function
Multiparameter	Full compatibility with all VirClia® assays

> CAPACITY

Sample loading	50 Primary tubes, 50 dilution tubes and 6 bottles of diluent
Strip loading	39 in loading rotor and 40 in reaction rotor
Wash buffer	5 liters
Distilled water	0.25 liters
Liquid waste	5 liters (internal tank) / 11 liters (external tank)
Solid waste	80 strips (automatic disposal)

> THROUGHPUT

Time to first result	First results in 70 min (one result every 35 seconds)
Speed	40 tests in 90 min

> SAMPLES AND REAGENTS HANDLING

Sample tubes	Primary tube (11-16 mm diameter)
Predilution	Automatic predilution if required
Built-in scanner	Positive identification of samples and strips

> USER INTERFACE

PC	External laptop 15.3" Touch screen, 1920 x 1080 resolution
Operating system	Windows 10 Pro x64
LIS connectivity	Bidirectional VirCom® middleware
Results management	Customized mode (per test, per patient) Automatic full report (QC per test, no standard curves) Accessible results

> OTHER FEATURES

Dimensions and weight	W 75 cm x D 74 cm x H 65 cm. 70 kg (max)
Noise Level	<75 decibels
Power supply	Europe: 230 Vac@ 50Hz USA/Canada: 110-120Vac@ 60Hz
Electrical Power Consumption	365 VA



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