



Alinity m

Amplify your impact to transform the molecular lab to perform predictably and drive efficiency



UNIFORMITY



FLEXIBILITY



OPERATIONAL PRODUCTIVITY



CONFIDENCE

Process up to 75 different assays per shift while maintaining 300 samples/~ 8 hours throughput

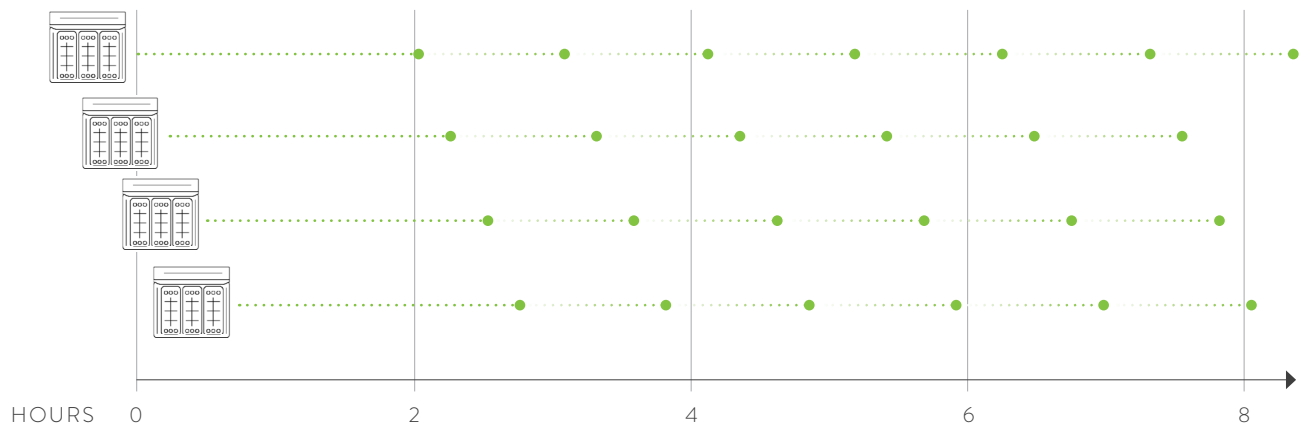
SYSTEM SPECIFICATIONS^{1,2}

Fully automated, sample-to-result instrument

Technology	Real-time PCR
Time to First Result	< 115 minutes
Maximum Throughput	300 tests in approximately 8 hours; up to 1080 tests in approximately 24 hours*
Multiplex Capacity	Up to 6 targets/reaction
Subsequent Results	12 samples every 16 minutes
Random Access Assay Mix	75 different assays/8 hours
Onboard Assay Capacity	20 assays
Sample Capacity	144 samples
Walkaway Time	> 4 hours
Maintenance	Daily: 0 minutes; Weekly: 40 minutes; Monthly: 90 minutes

ENABLING TRUE AND CONTINUOUS RANDOM ACCESS

- Universal sample rack eliminates sorting and batching
- Flexible stat options
- Lyophilized unit-dose amplification reagents
- Continuous access to reagents, consumables, samples and waste



Streamlined workflow without the need to batch or sort samples. Perform multiple tests from a single sample tube

SPECIFICATIONS^{1,2}

DIMENSION	MEASUREMENT
Width	2.49 m (98")
Depth	1.02 m (40")
Height	1.88 m (74")
Weight	1,021 kg (2,250 lb)

COMPATIBLE TUBES

Outside Diameter	13 to 16 mm
Height	75 to 100 mm

INTERFACE COMMUNICATIONS

Bi-directional HL7®:
Dual TCP/IP

ELECTRICAL REQUIREMENTS

Voltage	200 to 240 VAC
Amperage	30 A, single phase
Frequency	50 or 60 Hz
Maximum Power	3,600 VA
Heat Dissipation	Average of 3500 BTU/hour

ENVIRONMENTAL REQUIREMENTS

Ambient Temperature	15°C–28°C
Relative Humidity	20%–65% non-condensing
Maximum Altitude	3,000 m
Noise Level	64 to 68 dBA

REMOTE DIAGNOSTICS

AbbottLink

eUPDATES

Abbott Mail

SAMPLE BARCODE LANGUAGES

Code 128
Code 3 of 9
Codabar
Interleaved 2 of 5
Data Matrix ECC 200
Code 93
UPC – A
Data Matrix (2-D)

ALINITY M SYSTEM AND CONSUMABLES

Alinity m Integrated Reaction Units

Alinity m Pipette Tips, 50 µL

Alinity m Pipette Tips, 1000 µL

Alinity m Pipette Tip Adapters

Alinity m CO-RE Tip Sleeves

Alinity m IRU Waste Container

Alinity m Waste Box

Alinity m Waste Bottle

Alinity m Assay Tray Carrier

Alinity m Handheld Barcode Scanner

Alinity m Universal Sample Rack

Alinity m Sample Rack Holder

Alinity m Transport Tube Pierceable Capped

Alinity m Transport Tube

Alinity m Pierceable Cap

Alinity m LRV Tube

Alinity m Aliquot Tube

REFERENCES

1. Alinity m System Operations Manual (54-605001/R10).
2. Abbott Molecular. Internal Data on File.

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Alinity m

ASSAY MENU



The Alinity m system is a fully integrated and automated molecular diagnostics analyzer that uses real-time PCR technology.

Alinity m offers a broad assay menu* and robust assay design to deliver operational efficiency and reliable results.

HEPATITIS & RETROVIRUS	SEXUAL & WOMEN'S HEALTH	RESPIRATORY	TRANSPLANT	LDT SYSTEM CAPABILITY
HIV-1 HCV HBV	STI (CT/NG/TV/MG) HR-HPV HSV 1 & 2 / VZV	SARS-CoV-2 Resp-4-Plex (Flu A/B, RSV, SARS-CoV-2)	CMV EBV BKV	You-Create™

CURRENT

SEXUAL AND WOMEN'S HEALTH
HOSPITAL ACQUIRED INFECTIONS
SAMPLE CLAIM EXPANSION

IN DEVELOPMENT**

For *in vitro* diagnostic use.

* Products are CE marked and may not be available in all regions. Check with your local representative for commercial availability in specific markets.

** In development and not commercially available.

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