

# Alinity



## Alinity

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### h-series

ALINITY | Clinical Chemistry | Immunoassay | Hematology | Transfusion | Molecular | Point of Care | Professional Services

#### HARMONIZED SYSTEMS

Hematology systems that streamline  
workflow to transform your laboratory

#### CHOOSE TRANSFORMATION™

Achieve measurably better healthcare performance.  
[www.corelaboratory.abbott/alinity](http://www.corelaboratory.abbott/alinity)



## Your vision. Our innovation. Designed for you, by you.\*

Alinity is Abbott's next generation of systems, across key laboratory disciplines, designed to simplify diagnostics and help you deliver results that drive better patient outcomes. With Alinity, critical interactions between individuals, systems and information are streamlined, enabling you to redefine performance in your laboratory and your institution.



# Alinity

Alignment | Innovation | Unity

# Alinity. Your total lab solution, designed to deliver:\*



## UNIFORMITY

Standardize operations across your lab and network, and optimize your resource utilization.

- User-driven design
- Intuitive user experience
- Easy-to-use graphical user interface that is common to all Alinity core lab products



## FLEXIBILITY

Adapt to day-to-day and long-term unpredictability of changing testing volumes.

- Scalable design
- Open informatics



## OPERATIONAL PRODUCTIVITY

Address space limitations and increasing demand with increased throughput and capacity.

- Maximized throughput in a compact footprint
- Increased sample and reagent load-up capacity
- Continuous reagent access to ensure uninterrupted operation



## CONFIDENCE

Provide consistent high-quality service to physicians, and reduce potential for errors.

- Error-proof design elements suitable for your busy lab
- Results backed by proven technology and innovative design
- Tools that allow data quality and peace of mind across systems, lab and networks

## HARMONIZED SYSTEMS ACROSS ALL KEY LABORATORY DISCIPLINES



\* Alinity hs, and Alinity m are in development and not commercially available. Alinity hq, Alinity s and Alinity PRO are not commercially available in all geographies including U.S.

## ALINITY h-SERIES

### Simplified workflows backed by innovative design.

The Alinity hq system delivers a Complete Blood Count (CBC) with a 6-part White Blood Cell (WBC) differential and several advanced parameters using Advanced MAPSS (Multi Angle Polarized Scatter Separation) technology. The innovative design incorporates additional angular intervals of light scatter to improve differentiation of the WBC, Red Blood

Cells (RBC) and platelets as they pass through the detection area of the optical flow cell.

Together with the use of multi-paradigm numerical computer tools, a machine-learning cell classifier, a Gaussian Mixture Model (GMM) and a Graph Adaptive Clustering (GAC), the Alinity hq technology represents an advancement in cellular analysis for hematology.

### Hematology systems\* streamlined to transform your laboratory.



The Alinity h-series consists of compact, scalable systems that maximize throughput and efficiency, making your high-performing laboratories run at their best, today and into the future. The Alinity hq is the next generation automated hematology analyzer that is designed to integrate with the Alinity hs\* (slide maker stainer) to optimize workflow for your busy laboratory.

ACHIEVE MEASURABLY BETTER HEALTHCARE PERFORMANCE.

**Alinity** h-series



## Deliver performance that comes from proven expertise in system design.

Alinity h-series is designed to deliver reliable results needed by the busy hematology lab and is anchored on user feedback to ensure that the laboratory operates efficiently.

Leveraging Abbott's legacy of experience in optics and reagent development, the Alinity hq uses only three reagents to deliver a CBC with 6-part differential.

The integrated design of the Alinity systems delivers uniformity of processes throughout the diagnostic laboratory. It also simplifies sample introduction, error handling, system notifications and reagent management. The systems use a common color scheme and icons, as well as an intuitive user interface that facilitates learning for operators. The Alinity hq utilizes your laboratory space effectively by delivering the capabilities you need in a small footprint.





## Achieve integration\* that is built on user-focused design.

The Alinity hq system was designed for future integration of multiple modules, all controlled by a single system control center.

Working in close collaboration with laboratory providers like you yielded error-proof features that ensure results are not compromised during the busiest times in your laboratory.

The intuitive design and icons in the user interface is shared across all Alinity systems for the core laboratory. This common user experience across multiple disciplines allows for efficiencies in training, operation and utilization of your staff in an ever changing, resource conscious environment.

### Alinity h-series HEMATOLOGY



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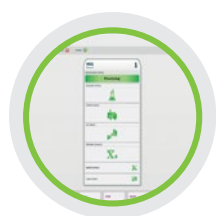
**Alinity h-series**



Thoughtfully designed around the way you work.

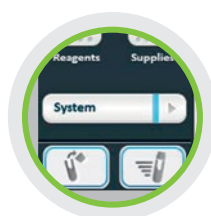


The Alinity h-series offers innovative features that deliver **uniformity, flexibility, operational productivity** and **confidence**.



#### SYSTEM SOFTWARE

Manage multiple modules effectively with consolidated views across the system. Increase efficiency with the intuitive, easy-to-use interface that uses common design across all products in the Alinity family.



#### PRIORITY SAMPLE PROCESSING

Flexible options prioritize the most critical samples based on your workflow, whether you have open tubes, pediatric or critical care patient samples that all need immediate attention.



#### CONTINUOUS ACCESS TO REAGENTS AND CONSUMABLES

With fewer reagents in easy to manage packaging, the system allows on-demand replacements of reagents to keep your lab operations uninterrupted.



#### ERROR PROOF REAGENT LOADING

Color coded and uniquely keyed reagent packaging provides convenient loading and prevent reagent mix ups.



#### INCREASED LOAD-UP CAPACITY

Load up to 120 samples at a time on each module to manage the busiest hours in your laboratory and allow you to focus on the critical tasks.



#### SYSTEM CONTROL MODULE

Single point of interaction that controls all modules of the integrated systems.

## ALINITY h-SERIES

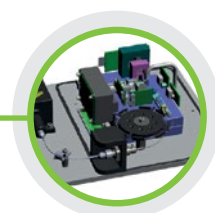
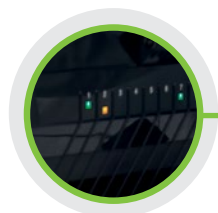
Simplicity built in. Streamlined for your laboratory.

### LOCAL USER INTERFACE

Intuitive touchscreen to enable module-specific interactions.

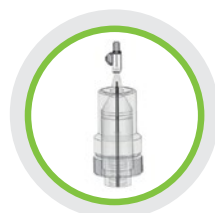
### INTUITIVE INDICATORS

Display and monitor system lane status.



### INNOVATIVE OPTICAL DESIGN

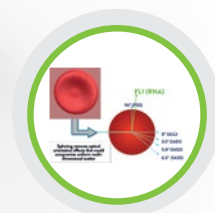
Alignment-free optics system with blue diode laser.



Newly designed optical flow cell for hydrodynamic focusing of the cell stream.

Advanced WBC algorithms for improved separation.

Hemoglobin detection by absorption spectrophotometry.



Optical RBC and PLT counting that uses five angles of scatter for improved separation.

### FLEXIBILITY IN SAMPLE LOADING

Dedicated open tube lane and ability to assign one or more lanes to priority (STAT) samples.



### ACCESSIBLE AND ERGONOMIC

Easy access drawers for reagents and consumables.



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## DATA MANAGEMENT

# Centralized data management supports data integrity.

The Alinity system software has a user interface that provides access to system information, software functions, and on-board help for the active screen. The System Control Center (SCC) is the primary user interface and displays status, alerts,

and notifications for the system, as well as the method to control module functions. Redundancy is eliminated and integrity of data is achieved by the integration of functionality.



## ABBOTT DIAGNOSTICS

# Achieve measurably better healthcare performance with our personalized solutions.

We've re-engineered our entire organization to support you and your changing needs, helping you achieve measurably better healthcare performance with our personalized solutions:



### RESOURCEFUL ADVOCATES

Expert teams take a holistic, enterprise-level view to develop personalized solutions for your lab.



### HARMONIZED SYSTEMS

A harmonized family of innovative systems, assays, informatics and automation solutions streamline your lab operations.



### INTELLIGENT INSIGHTS

A suite of professional services, supported by informatics enablers, unlocks intelligent insights from your valuable data.

## HARMONIZED SYSTEMS

# A unified, holistic family of systems\* delivering unprecedented integration.



**UNIFORMITY** across the laboratory



**FLEXIBILITY** to adapt to a changing environment



**OPERATIONAL PRODUCTIVITY** to improve performance and workflow



**CONFIDENCE** in systems and performance





business card position

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## YOUR PERSONALIZED SOLUTION

Choose tomorrow's approach today.  
Alinity h-series adapts to your laboratory's  
needs, allowing you to achieve measurably  
better healthcare performance.

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Alinity hq is a Class I laser product.  
For In Vitro Diagnostic use.

Alinity, Alinity ci-series, Alinity c, Alinity i, Alinity h-series, Alinity hs, Alinity hq, Alinity s,  
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