

Luminex

ARIES[®]

Revolutionizing Molecular Diagnostics



Challenges Facing the Molecular Lab Today

Increasing pressure to contain healthcare expenditures and do more with fewer resources is causing labs to reevaluate testing platforms and their workflows. More labs would like to not only consolidate their assays onto fewer systems, but also improve productivity and lab efficiency by implementing lean methods and automated technology.

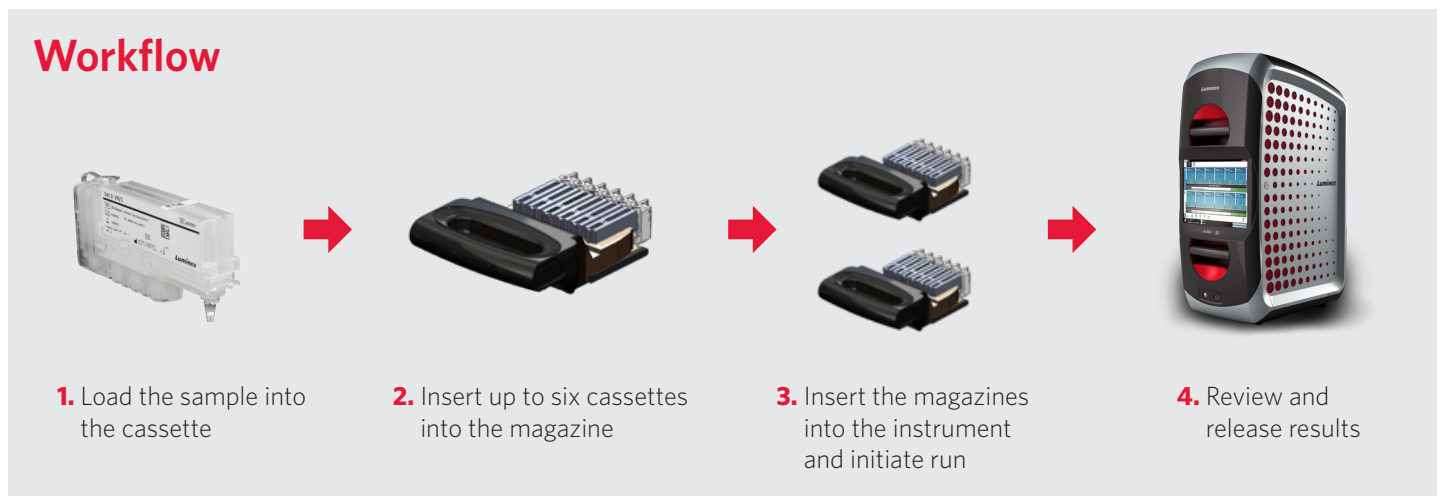
Varying Testing Platforms	Assays are often run on different instruments which crowd valuable bench space and make it difficult to keep staff trained on all the instruments. Physicians want an expanded test menu, but labs often do not have the space needed for the variety of equipment.
Limited Laboratory Staff	Laboratory technicians trained in highly complex molecular techniques are increasingly hard to find. This limits the lab's ability to validate and use high complexity molecular assays.
Physicians Demand Faster Results	Sending samples out to central or reference labs, and saving tests to run in large batches can delay the results for days.
Large Volumes of Reports	Labs need to manage and store a large volume of reports and binders which consume valuable lab space.
Difficulty Managing Testing Across the Network	Satellite labs often use different testing methods than the central lab making lab testing and QC hard to compare and manage.



Introducing ARIES®

ARIES has been developed to help the molecular lab overcome these challenges. ARIES will revolutionize molecular diagnostics with a system that integrates seamlessly into the lean laboratory workflow, right out of the box.

- **Seamless Integration** – Add testing capacity with little impact to bench space
- **Menu Consolidation** – Overall system consolidation with a broad menu of IVD assays, plus an open platform that can run LDTs
- **Lab Efficiency** – Scalable throughput, easy to use design, and LIS compatible
- **Improved Healthcare** – Increase overall service levels to the hospital, doctors and patients with faster results, expanded testing shifts, and better QC and compliance management



Planned IVD Menu*

- ARIES HSV 1&2 Assay
- ARIES *C. difficile* Assay
- ARIES Norovirus Assay
- ARIES Flu A/B and RSV Assay
- ARIES GBS Assay

Seamless Integration

- Narrowest footprint of any sample-to-answer platform
- Touchscreen integrated into the system
- Multiple instruments can be run side by side to increase throughput



Menu Consolidation

- Five IVD assays available at or near launch, and multiple IVD assays per year thereafter*
- Open platform that can accommodate LDTs
- User-defined protocols can be exported to satellite labs and used by technicians with limited experience

Laboratory Efficiency

- Simple operation and minimal hands-on time frees up technicians, enabling placement of ARIES both in central laboratories and satellite labs
- Universal sample extraction and assay conditions enable up to 12 different tests to be run simultaneously, even with different sample types and assay targets
- “Random batch” design provides run flexibility, capacity, and turnaround time
- 48 cassettes in 8 hour shift of any assay combination using the same universal conditions
- Integrates with Laboratory Information System (LIS) to streamline reporting

Improved Healthcare

- ARIES may help increase overall service levels to the hospital, doctors, and patients
- Minimizes user error with sample-to-answer workflow, barcode data entry, and simple operation

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To learn more visit: <http://info2.luminexcorp.com/ARIES-eu>

*DISCLAIMER: The system and assays are under development and not currently FDA cleared or CE marked. Some features may not be available at launch. The ARIES® instrument is a class (1) laser product.

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