



THE TECHNOLOGY YOU NEED  
FOR THE VOLUME YOU USE.



# ARCHITECT *ci*4100

- Seamless integration
- Accurate results fast
- Easy to operate

Refer to the Operations Manual for operational precautions, limitations and hazards. Manuals can be found on [www.abbottdiagnostics.com](http://www.abbottdiagnostics.com).

*Put science on your side.*

## INTEGRATED SYSTEMS. ELEVATED PRODUCTIVITY.



**ARCHITECT Universal  
Sample Carrier**

### Enhanced System and Assay Dynamics

- **CHEMIFLEX technology** with flexible assay protocols provides excellent low-end sensitivity and expanded dynamic ranges.
- **FlexRate** extends the linear ranges of enzyme assays for better first-time results, fewer reruns.
- **Integrated Chip Technology (ICT) module** for electrolytes is small, long-lasting and easy to maintain (45,000 determinations).
- **Maximum throughput** of up to 800 chemistry tests per hour and 100 immunoassay tests per hour.
- **Pressure differential technology** enables detection of clots, bubbles and insufficient sample volume to reduce analytical error.

### Integration Without Compromise

- **Seamless integration** of clinical chemistry and immunoassay on a single platform.
- **Up to 180 samples** with up to 35 priority positions.
- **Robotic Sample Handler (RSH)** allows the lab to prioritize tests.
- **Large onboard reagent capacity** of approximately 55 chemistry kits and 25 immunoassay kits.
- **SmartWash technology** effectively controls sample-to-sample carryover (<0.1 ppm tube to tube).

### True Family Commonality

- **Identical technology**, reagents and assay protocols.
- **Identical software** that is intuitive to operate.
- **Universal ARCHITECT sample carrier.**
- **Equivalent patient results** across all ARCHITECT chemistry and immunoassay instruments.
- **Simple**, consistent user experience.

ARCHITECT

# ci4100



**ARCHITECT c4000 can be integrated with ARCHITECT i1000SR to consolidate clinical chemistry and immunoassay on a single platform.**



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