

ARCHITECT



**ARCHITECT**  
*i-series*

Blood and Plasma screening  
efficiency through automation.

**CHOOSE TRANSFORMATION**

Achieve measurably better healthcare performance.  
TRANSFUSION.ABBOTT



## BLOOD AND PLASMA SCREENING WITH THE ARCHITECT i HARMONIZED SYSTEMS

### TRUE FAMILY COMMONALITY<sup>1</sup>

- Equivalent screening results
- Identical system Software
- Universal ARCHITECT sample carrier



ARCHITECT  
i1000SR

### DEDICATED SYSTEM SOFTWARE AND EFFICIENT PROCESS CONTROL FEATURES<sup>1</sup>

- Automatic monitoring of test processing steps
- Positive Sample identification
- Sample pipeting monitoring
- Onboard Reagent management
- Electronic result record / Full documentation and archiving



### ENHANCED SYSTEM AND ASSAY PERFORMANCE<sup>1,2,3,4,5</sup>

- CHEMIFLEX technology
- Liquid level sensing combined with bubble and clot detection to ensure accurate sampling
- Unique patented methodologies deliver reliable assay performance
- 4<sup>th</sup> generation HIV Ag/Ab Combo assay with all known subtypes
- Detect genotypes of HCV
- The HBsAg assay has excellent mutant detection



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i2000SR

## EFFICIENCY THROUGH AUTOMATION

- Up to 200 tests per hour per module
- Continuous sample access
- 500 and 100 test kits
- ChemiFlex technology with 1 step, 2 step, and automated pretreatment protocols
- Scalability to join two *i2000SR* systems (*i4000SR*)
- Pressure differential technology detects clots, bubbles and insufficient sample volumes to reduce errors



ARCHITECT  
i4000SR

## ARCHITECT SOFTWARE DELIVERS:

- Lot and expiration tracking
- Inventory tracking and management
- Inventory low level alerts
- Required verification that a control is completed after each calibration
- Automatic disabling of a reagent kit after control failure
- Prevention of use of expired calibrators or control material

## CHEMIFLEX TECHNOLOGY<sup>5</sup>

ARCHITECT utilizes a unique combination of refined chemiluminescence detection technology with flexible assay protocols. CHEMIFLEX, when combined with optimized assay design, provides enhanced assay performance.

CHEMIFLEX delivers:

- Excellent sensitivity
- Excellent specificity



# ARCHITECT i SERIES BLOOD AND PLASMA SCREENING MENU



## Blood and Plasma screening using ARCHITECT systems

- ◆ Efficiency through Automation
- ◆ Confidence through Process
- ◆ Broad Offering of High Performing Assays

### REFERENCES:

1. ARCHITECT System Operation Manual (201837-113)
2. ARCHITECT HIV Ag/Ab Combo G4-5772/R05
3. ARCHITECT Anti HCV G5-3150/R11
4. ARCHITECT HBsAg Qualitative II G3-4444/R05
5. The immunoassay handbook Third Edition, edited by David Wild
6. ARCHITECT Chagas G4-2946/R04
7. ARCHITECT Syphilis TP G4-7920/R03
8. ARCHITECT rHTLV I/II G6-7551/R07
9. ARCHITECT Anti HBc II G4-7715

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For In Vitro Diagnostic Use.

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All ARCHITECT analyzers are Class 1 laser products.

