VITROS®

Do More. For Life.

ADVANCED SECURITY

VITROS® ECiQ Immunodiagnostic System

- Featuring Intellicheck® Technology for the highest level of confidence and security in patient results
- Simple to use, with continuous, STAT, and random access testing
- Proprietary Enhanced Chemiluminescence detection technology provides wide dynamic ranges and exceptional precision and sensitivity

The answer is **simple**

The VITROS ECiQ is the only system that verifies each and every result with IntelliReport™

integrity by intelliCheck®

Ortho Clinical Diagnostics

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VITROS® ECiQ Immunodiagnostic System Specifications

Measurement Principle: Enhanced Chemiluminescence

MicroWell Technology: Excellent assay sensitivity and precision, small sample volumes and minimal waste

Reagents: No preparation; no mixing and reconstitution required for Integrated Reagent Packs, Signal Reagent and Universal Wash Reagent

On-Board Test Capacity:
- Up to 2000 assays
- Up to 20 different Integrated Reagent Packs
- 100 assays each
- Resident on-board simultaneously
- Automatic, self-contained, temperature and humidity controlled Reagent Supply

Calibration: Multiple lots may be pre-calibrated with automatic lot switching
- Up to 28 days
- Process: Random Access Calibration with Automatic Result Protection; 25 calibrations across 16 lots per assay

System Startup: Automatic Integrated Prime/Purge
- No primes, purges, washes or tubing maintenance
- No daily calibrations or calibration checks

Throughput: Up to 90 reportable patient results per hour

Sample Types: Serum, Plasma, Urine, Amniotic Fluid*, Whole Blood**

Sample Volume: 10-80µL

Sample Capacity: 60 samples in Universal Sample Trays

Sample and Reagent Management: Intellicheck® Technology
- Disposable Tip Metering verifies sample aspiration and dispense and addresses carryover and cross-contamination concerns
- Clot, bubble, low and high viscosity, thin layer fluid and short sample detection
- Save-the-Sample™ Clot/Bubble Management
- Liquid level sensing
- MicroWell Dispense Verification
- Reagent Aspiration and Dispense Verifications

Sample Containers: Universal Sample Trays accommodate:
- 10mL, 7mL, 5mL collection tubes
- 1.5mL micro-collection containers
- VITROS Microsample cups and 0.5mL and 2.0mL cups

Sample Bar Code Identification: Autodiscriminates by simultaneously recognizing all standard symbologies:
- Code 128
- ISBT 128
- Code 39
- Codabar
- Interleaved 2 of 5

Automatic Dilution:
- Reflex dilution
- Operator requested dilution
- Protocol and pre-treatment dilutions

Automatic Reflex Testing:
- Reflex to different assays
- Reflex to the same assay

Automatic Repeat Testing: Repeats samples automatically after a result is not initially reported for the sample

Operator Interface: Color-coded graphical user interface
- Ergonomic flat, low-glare, LCD, touchscreen monitor
- Keyboard platform and support arm
- Flexible, customized positioning
- On-board documentation and Help

System Dimensions:
Width: 111.8 cm / 44 inches
Depth: 73.7 cm / 29 inches
Height: 130.2 cm / 51.25 inches
Weight: 366 kg / 807 pounds

POWER

Line Voltage: Dedicated, single phase AC power line

North America: 120 V AC

Continental Europe: 200-240 V AC

Line Frequency:

North America: 50-60 Hz

Continental Europe: 50-60 Hz

ENVIRONMENT

Average Heat Output: 4,100 BTUs per hour

Operating Temperature: 15°-30°C / 59°-86° F

Ambient Relative Humidity: 15%-75% RH noncondensing

Altitude: -0.1524/2.439 km / -500/8000 feet

Plumbing: No water or drain required; Self-contained, on-board liquid waste management eliminates special requirements for off-board plumbing

COMMUNICATIONS

Bidirectional interface for ASTM and Kermit protocols, including broadcast download

4 RS 232 serial ports

e-Connectivity® Interactive System Management
- Using a dedicated analog telephone line and a modem, a VPN establishes a secure connection between an enabled ECiQ System and Ortho-Clinical Diagnostics Technical Support
- Automatic Two-Way Data Exchange to automatically send and retrieve data. Includes automatic download of system software updates.
- Remote Connectivity provides the ability to enable Remote Diagnostics and Remote Control operation

*Some or all types of specimens or suggested reference interval or cutoff for these analytes are not approved or cleared for market in the United States

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For more information contact your Ortho-Clinical Diagnostics representative or visit our website at **www.orthoclinical.com**.

Ortho Clinical Diagnostics