

# IMMULITE® 2000 Immunoassay System

## Advanced Immunoassay System

The IMMULITE 2000 immunoassay system has been designed specifically for optimum efficiency and consolidation in medium and high-volume laboratories. The IMMULITE 2000 intuitive software, and graphical user interface, offers streamlined information management, from remote test ordering to sophisticated analysis of results.



- Throughput of up to 200 tests/hour
- User-defined automatic dilution protocols
  - Five hours of usable walk away time
- Third-generation assays for excellent sensitivity
- Comprehensive menu of more than 100\* assays
- Easily automate through VersaCell™ or other ADVIA Automation Systems

The IMMULITE 2000 analyzer combines allergy and specialty immunoassay testing on one platform with many features that provide greater efficiency in the lab.

## IMMULITE® 2000 Immunoassay System - Features & Benefits

### Consolidation Without Compromise

The extensive menu of the IMMULITE 2000 will enable the laboratory to reduce the number of platforms required in the laboratory without a compromise in quality.

## **RealTime Solutions**

- Real-time instrument monitoring via the Internet, 7 days a week, 24 hours a day
  - Proactive service for fewer unplanned service visits
- Quality control management visibility is made possible from any Internet-equipped computer

## **Efficiency**

- Throughput of up to 200 tests/hour
  - 24 resident assays
  - Proprietary onboard dilution
- Automatic reassay of out-of-range samples
- Reflex testing for additional clinical information

## **Exceptional Performance**

- Clot detection
- Proprietary wash technique for high sensitivity
  - Third-generation assays
- Extensive routine as well as esoteric menu for faster clinical diagnostic information

## **VersaCell™ System**

The VersaCell system is a compact, robotic system that connects 2 stand-alone instruments in flexible configurations. Features include:

- A loading capacity of up to 200 patient samples
- Reduced sample handling with the use of some clinical chemistry instrument racks
  - Continuous and immediate access to patient samples
- Connection to two IMMULITE 2000 or 2500 instruments to create an immunoassay system with a throughput of up to 400 tests per hour and a reagent capacity of 48 different assays
- Links to ADVIA 1800 and IMMULITE 2000 or 2500 system to consolidate chemistry and immunoassay testing
- The VersaCell system also enables IMMULITE 2000 to be connected to many of the open track-based laboratory automation systems available, including ADVIA LabCell and WorkCell and the StreamLab Analytical WorkCell

## **Technical Specifications**

### **Operating Temperature**

18–32°C

### **Luminometer**

Photon-counting photomultiplier tube

### **Computer**

Integrated Intel® Pentium® processor

256 MB RAM

CD/DVD-RW drive

Hard drive, 40 GB

Floppy disk drive, 3.5-inch

Sound board

### **User Interface**

Microsoft® Windows® XP operating system

Flat-screen monitor, 15-inch, with touch screen (1024 x 768 resolution, 0.28 mm dot pitch)

Trackball

Micro keyboard

### **Sample Tubes**

12 to 16 mm in diameter and 75 to 100 mm in height, and 10 x 50 mm micro tubes using adapter

### **Printer**

Internal laser-jet printer or external printer

### **Interface Capabilities**

LIS in conformance with ASTM E1394 and ASTM E1381

Networks via Ethernet (10/100 BaseT)

Modem, V34-56K

Laboratory automation systems

**Power Requirements**

200–240 VAC

6 amp

Dedicated line, 50/60 Hz

**Dimensions (with Monitors)**

Length	84 in.	213 cm
Height	75 in.	189 cm
Depth	41 in.	104 cm
Weight	890 lbs	404 kg

**Protected by US Patents**

5,632,399

5,721,141

5,723,092

5,773,296

5,885,529

5,885,530

**Certifications**

ISO 13485:2003

CE

UL/CUL

IEC

# **IMMULITE® 2000 Immunoassay System - Assay Menu**

## **Allergy**

AlaTOP Allergy Screen\*  
Allergen-Specific IgG\*  
Allergen-Specific IgG4\*  
ECP\*  
3gAllergy™ Specific IgE  
Total IgE

## **Anemia**

EPO  
Ferritin  
Folic Acid  
RBC Folate  
Vitamin B12

## **Autoimmune**

Anti-CCP<sup>1</sup>

## **Bone**

Calcitonin  
Osteocalcin\*  
PYRILINKS-D  
Vitamin D<sup>1</sup>

## **Cardiovascular**

CKMB  
D-Dimer\*  
High-Sensitivity CRP

Myoglobin  
Troponin I  
NTproBNP\*

**Congenital**

CMV IgM<sup>2</sup>  
CMV IgG  
Herpes I & II IgG  
Toxoplasma IgM  
Toxoplasma Quantitative IgG  
Rubella Quantitative IgG  
Rubella IgM

**Diabetes**

C-Peptide (serum, urine)  
Insulin  
Microalbumin (urine) (ALB)

**Growth**

Growth Hormone (hGH)  
IGF-I  
IGFBP-3

**Hepatitis**

Anti-HBc IgM  
Anti-HBc Total  
Anti-HBs  
HBsAb Quantitative  
HBs Ag  
HBs Ag confirmatory

**Infectious Disease**

EBV-EBNA IgG<sup>2</sup>  
EBV-VCA IgG<sup>2</sup>  
EBV-VCA IgM<sup>2</sup>  
H. pylori IgG  
Syphilis

**Inflammation**

IL-2R\*  
IL6\*  
LBP\*

**Metabolic**

ACTH  
Cortisol  
Homocysteine

**Reproductive Endocrinology**

AFP  
Androstenedione  
DHEA-SO4  
Estradiol  
FSH  
Free Beta HCG\*  
HCG  
LH  
PAPP-A\*  
Progesterone  
Prolactin  
SHBG  
Total Testosterone  
Unconjugated Estriol

**TDM**

Carbamazepine  
Digitoxin  
Digoxin  
Phenobarbital  
Phenytoin  
Theophylline  
Valproic Acid

**Thyroid Function**

Anti-TG Ab  
Anti-TPO Ab  
Free T3  
Free T4  
Intact PTH  
Rapid TSH  
TBG  
Third Generation TSH  
Thyroglobulin  
Thyroid Uptake  
Total T3  
Total T4  
TSI<sup>1</sup>

**Tumor Markers/Oncology**

AFP



BR-MA CA15-3™  
CEA  
Free PSA  
GI-MA CA 19-9™\*  
OM-MA CA125™  
PAP  
PSA  
Third Generation PSA

**Other**  
Beta-2 Microglobulin  
Gastrin  
Nicotine Metabolites \*

**Vet**  
Canine Free T4  
Canine TLI  
Canine Total T4  
Canine TSH

1 Under development  
2 Under development in the U.S.  
\* Not available for sale in the U.S.