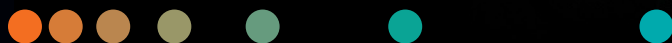


Assay Menu

IMMULITE Immunoassay Systems

Precision for Patients

siemens-healthineers.com/immulite



The IMMULITE assay menu supports precision diagnostics with nearly 100 assays across 11 disease states. IMMULITE Immunoassay Systems go beyond allergen testing with assays that help immunology laboratories and physicians optimize care in allergy, autoimmunity, and other inflammatory conditions.

Learn more about
IMMULITE Immunoassay
Systems.



SIEMENS
Healthineers

IMMULITE Immunoassay Systems

Assay Menu

Allergy and Asthma		Bone and Mineral Metabolism		<div> <div></div> Rheumatic <div></div> Inflammatory Bowel Disease <div></div> Thyroid <div></div> Adrenal & Pituitary <div></div> Reproductive & Gonadal <div></div> Growth & Development </div>
<ul style="list-style-type: none"> Evaluates allergic disease and asthma driven by IgE-mediated and type-2 inflammatory pathways Includes immunoglobulin classes and inflammatory mediators relevant to allergen sensitization and tolerance Helps identify sensitization to more than 500 allergens† Supports accurate diagnosis and personalized management of allergic conditions 		<ul style="list-style-type: none"> Focuses on calcium/phosphate homeostasis, bone turnover, and parathyroid activity Includes markers of bone formation, resorption, and mineral regulation Essential for diagnosing metabolic bone disease and monitoring skeletal health 		
AlaTOP Allergy Screen*		Intact PTH		
Allergen-Specific IgE 3gAllergy		Osteocalcin*		
Allergen-Specific IgG*		Pyrilinks-D		
Allergen-Specific IgG4*		Endocrine and Hormonal Health		
IgE Total		<ul style="list-style-type: none"> Explores hormonal balance across adrenal, reproductive, pituitary, pregnancy, and growth axes Includes steroid hormones, gonadotropins, peptide hormones, and growth factors Provides a holistic perspective on endocrine function for fertility, pregnancy, and growth disorders 		
ECP*,†		ACTH		▲
Environmental Lung Diseases		Cortisol		▲
<ul style="list-style-type: none"> Assesses immune responses to inhaled environmental agents that can lead to chronic lung disorders Includes immunoglobulin markers and inflammatory mediators associated with hypersensitivity pneumonitis and Aspergillus-related diseases, like allergic bronchopulmonary aspergillosis, chronic pulmonary aspergillosis, and invasive pulmonary aspergillosis Helps identify exposure-related reactions and helps guide treatment strategies 		Androstenedione		▲
Allergen-Specific IgG*		DHEA-SO4		▲
IL-8†		Estradiol		▲
Autoimmunity and Immunology		FSH		▲
<ul style="list-style-type: none"> Provides insight into autoantibody-driven disease and immune activation across systemic and organ-specific autoimmune conditions Includes autoantibodies and cytokines involved in inflammatory and regulatory pathways, helping clinicians understand disease mechanisms and help tailor interventions 		LH		▲
Anti-CCP IgG	■	Progesterone		▲
β-2 Microglobulin	■	Prolactin		▲
IL-1b†	■	SHBG		▲
IL-2R†	■	Testosterone		▲
IL-6†	■ ■	Unconjugated Estriol		▲
IL-10†	■ ■	hCG		▲
TNFα†	■ ■	Free β-hCG*		▲
Anti-Tg Ab	■	PAPP-A†		▲
Anti-TPO	■	Growth Hormone (hGH)		▲
Thyroid Stimulating Immunoglobulin (TSI)	■	IGF-I		▲
		IGFBP-3		▲
		Gastrointestinal and General Health		
		<ul style="list-style-type: none"> Evaluates gastrointestinal physiology, nutrient absorption, and anemia risk alongside systemic health indicators Includes nutritional markers, hematologic regulators, and infection-related antibodies. Supports detection of deficiencies and digestive disorders 		
		Albumin		
		EPO*		
		Ferritin		
		Folate		
		Gastrin		
		H. pylori IgG		
		Nicotine Metabolite†		
		RBC Folate		
		Vitamin B12		

‡ 300+ allergens in the U.S.

* Not available for sale in the U.S.

† For research use only in the U.S.

Not for use in clinical or diagnostic procedures.

Cardiometabolic Health

- Integrates biomarkers for cardiac injury, thrombosis, systemic inflammation, and metabolic dysfunction
- Includes cardiac proteins, coagulation markers, and metabolic regulators
- Enables risk stratification and identification of cardiovascular and diabetes-related conditions

CKMB*

C-Peptide

D-Dimer*

High-Sensitivity CRP

NT-proBNP*

Homocysteine

Insulin

Myoglobin

Troponin I

Oncology/Tumor Markers

- Targets tumor-associated proteins linked to specific organ systems and malignancy pathways
- Includes glycoproteins, hormones, and antigens produced by tumor cells or host response
- Provides critical insights into cancer biology for detection and disease monitoring

AFP

CA 125

CA 15-3

CA 19-9*

Calcitonin

CEA

Free PSA

PAP

PSA

Therapeutic Drug Monitoring (TDM)

- Measures serum levels of drugs with narrow therapeutic windows to help ensure safety and efficacy
- Includes pharmacologic compounds requiring individualized dosing
- Supports optimization of therapy and helps minimize toxicity risk

Carbamazepine

Digitoxin

Digoxin

Phenobarbital

Phenytoin

Theophylline

Valproic Acid

Thyroid Disorders

- Examines thyroid hormone synthesis, regulation, and protein binding for a more complete view of thyroid physiology
- Includes hormone markers and binding proteins that reflect thyroid function and feedback control
- Supports differential diagnosis and monitoring of hypo- and hyperthyroid states

Free T3

Free T4

Total T3

Total T4

TSH

TSH, 3rd Generation

Thyroglobulin (Tg)

Thyroid Binding Globulin (TBG)

Thyroid Uptake

Infectious Diseases

- Detects viral, bacterial, and parasitic infections through pathogen-specific antigens, antibodies, and inflammatory markers
- Includes serological and immune response indicators for multiple infectious agents
- Differentiates acute, chronic, and past exposure to help guide clinical decisions

Anti-HBc

Anti-HBc IgM

Anti-HBs

HBsAg

HBsAg Confirmatory

CMV IgG

CMV IgM

EBV-EBNA IgG*

EBV-VCA IgG*

EBV-VCA IgM*

Herpes I & II IgG

LBP†

Rubella IgG

Rubella IgM

Syphilis

Toxoplasma IgG

Toxoplasma IgM

* Not available for sale in the U.S.

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IMMULITE Automation Solutions



IMMULITE 2000 XPi System

Providing multiple tests on a single, easy-to-use analyzer, the IMMULITE 2000 XPi Immunoassay System makes it simple to adjust to changes in demand and scale capabilities without disrupting day-to-day operations.

- 3gAllergy technology reduces need for additional testing and the risk of false-positive peanut allergen results.
- Process up to 200 tests per hour in batch or random-access mode.
- Automated sample-rack loader improves productivity by eliminating pauses to load a new rack of samples
- Constant monitoring of bulk supplies and ability to load up to 1300 reaction tubes enables up to 5 hours of usable walkaway time.
- Self-acting daily startup performs daily maintenance checks and QC in just 15 minutes, eliminating the need for hands-on operator time.
- Leverage Smart Remote Services for dependable, proactive monitoring, preventative maintenance and repair — when you need it.[§]



VersaCell X3 Solution

The VersaCell X3 Solution offers the flexibility that labs need to automate high-volume testing with solutions that can be customized to the specific needs of each lab. The flexible, modular solution can serve as a robust system for optimized sample management, connecting multiple IMMULITE 2000 XPi Systems or connecting to total lab automation. Minimize hands-on-time through:

- 360° barcode scanning.
- Fully automated pre- and post-analytics, and reflex testing.
- Automatic sample-sorting options, a 200-sample capacity, and SDX-07 racks for enhanced archiving and easy identification.

[§]Requires Atellica Connectivity Manager



Stand-alone system



IMMULITE Single Configuration



IMMULITE Dual Configuration,
linear



IMMULITE Dual Configuration,
right turn



IMMULITE Dual Configuration,
left turn



IMMULITE Triple Configuration

In a time of unprecedented work pressures, IMMULITE automation solutions support your lab to meet demand.

- Stand-alone system for routine volumes
- Connect up to three units in flexible configurations for mid-to-high volume throughput.
- Integrate with Aptio or FlexLab™ X Automation for high-volume testing.



IMMULITE Total Lab Automation
Configuration with FlexLab X Automation



IMMULITE Total Lab Automation
Configuration with Aptio Automation

At Siemens Healthineers, we pioneer breakthroughs in healthcare. For everyone. Everywhere. Sustainably. As a leader in medical technology, we want to advance a world in which breakthroughs in healthcare create new possibilities with a minimal impact on our planet. By consistently bringing innovations to the market, we enable healthcare professionals to innovate personalized care, achieve operational excellence, and transform the system of care.

Our portfolio, spanning in vitro and in vivo diagnostics to image-guided therapy and cancer care, is crucial for clinical decision-making and treatment pathways. With the unique combination of our strengths in patient twinning,* precision therapy, as well as digital, data, and artificial intelligence (AI), we are well positioned to take on the greatest challenges in healthcare. We will continue to build on these strengths to help overcome the world's most threatening diseases, enable efficient operations, and expand access to care.

We are a team of more than 73,000 Healthineers in over 70 countries passionately pushing the boundaries of what is possible in healthcare to help improve the lives of people around the world.

**Personalization of diagnosis, therapy selection and monitoring, aftercare, and managing health.*

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FlexLab X Automation is manufactured by Inpeco and distributed by Siemens Healthcare Diagnostics Inc. FlexLab is a trademark of Inpeco SA.

Siemens Healthineers Headquarters

Siemens Healthineers AG
Siemensstr. 3
91301 Forchheim, Germany
Phone: +49 9191 18-0
siemens-healthineers.com

Published By

Siemens Healthcare Diagnostics Inc.
Specialty Lab Solutions
511 Benedict Avenue
Tarrytown, NY 10591-5005
USA
Phone: +1 914-631-8000