

Phadia 250 Laboratory System

Aids in the diagnosis of autoimmune and allergic diseases



More than 2,000 systems in use worldwide

Capability and Flexibility

- Automated processing of Thermo Scientific™ EliA™ autoimmune and ImmunoCAP™ allergy assays on a single platform
- Broad, expanding autoimmune test menu for clinically relevant markers
- Allergen menu detects sensitization to more than 550 whole allergens and mixes and more than 100 allergen components*
- Scalable solutions to fit lab needs today and in the future
- User-configurable automatic reflex testing functionality

Efficiency

- Throughput: 60 results/hour
- Estimated hands-on time 10-15 minutes
- Continuous random access
- All tests measurable from one patient sample
- On-board reagent storage and dilutions
- Optimize workflow efficiency: one master isotype calibration curve for each method (stored for 28 days)
- Connects to Laboratory Automation Systems (LAS) and Laboratory Information Systems (LIS)

*Not all tests commercially available in U.S.

Ideal for laboratories performing 400-2,000 tests per week

Quality

- Excellent consistency and quality of results using innovative recombinant protein technology for EliA and standardized allergen source material for ImmunoCAP
- Maximize uptime: remote troubleshooting and support via Phadia LabCommunity
- Confirmation of accuracy and reliability with Quality Club, one of the largest quality assessment programs in the world
- Innovative resources available for technical, accreditation, and laboratory outreach needs

Find out more at allergyailab.com

Phadia 250 Laboratory System

Proven Fluorescence Enzyme Immunoassay (FEIA) technology;
High assay sensitivity and specificity for allergy and autoimmunity

ImmunoCAP Assays available for allergic diseases

- ImmunoCAP Specific IgE
- ImmunoCAP Allergen Components
- ImmunoCAP Total IgE
- ImmunoCAP Tryptase

Runs with Phadia™ Prime, a user-friendly software with fully integrated performance

- Simple graphical user interface
- Intuitive management of:
 - Reagent inventory
 - Request handling
 - Sample management
 - QC
 - Reflex testing
 - Result reporting
- Enables management of multiple Phadia Laboratory Systems
- Enhanced data security and scalability

EliA Assays available for the following autoimmune diseases

- Rheumatoid Arthritis
- Celiac Disease
- Vasculitis/Goodpasture Syndrome
- Connective Tissue Diseases
- Autoimmune Thyroid Diseases
- Liver Diseases
- Antiphospholipid Syndrome



FIGURE 1 ImmunoCAP sponge-like cellulose solid phase offers large surface area and high binding capacity for relevant antibodies



FIGURE 2 EliA wells are coated with antigens specifically recognized by target antibodies, representing markers for a particular autoimmune disease

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ThermoFisher
SCIENTIFIC