ImmunoCAP™ 100€

A fully automatic system optimized for accurate, efficient and reproducible processing of Specific IgE tests
Available Analytes

The ImmunoCAP™ 100© System is a fast, fully integrated diagnostic system for the quantitative measurement of well accepted markers of allergic disease, and markers for inflammation, anaphylaxis, and celiac disease.

The ImmunoCAP 100© System including the ImmunoCAP Data Manager Software offers efficiency and productivity enhancements that meet the challenges faced by today’s laboratories. With unprecedented levels of precision and accuracy in allergy diagnostics, ImmunoCAP 100© System adds new potential to your diagnostic capabilities.

Accurate and Reproducible

✦ Assays calibrated against WHO reference preparations provide results in quantitative mass-units
✦ Utilizes high-precision ImmunoCAP technology
✦ Reagents optimized for 37°C processing enhance reliability
✦ Maintains a constant 37°C temperature-controlled processing chamber

Efficient

✦ Walk-away convenience
✦ Only 25 minutes hands-on time per run
✦ Fast-complete assay run in 150 minutes
✦ Ready-to-use daily curve controls
✦ Calibration curve is stored monthly
✦ Low maintenance

Pre-Analytical Process

Software Prompts the Operator to Load Reagents and Samples

Software Prompts the Operator to Load ImmunoCAP Tests

Press Enter to Start – Walk-away

Hands-on Time per Run

8:00 9:00 10:00 11:00

Walk-away time

Start up Sample process start

48 results

• Maintenance

10 minutes

5 - 20 minutes

Allergic Disease

Specific IgE
Total IgE
Specific IgG*
Specific IgG₄**
Specific IgA*

Inflammation & Anaphylaxis

ECP*
Tryptase*

Adverse Reactions to Foods

Gliadin IgA
Gliadin IgG

*For Investigational Use Only, the performance characteristics for this product are not determined.
**Available as of 2006

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Available analytes:

- Specific IgE
- Total IgE
- Specific IgG*
- Specific IgG₄**
- Specific IgA*
- ECP*
- Tryptase*
- Gliadin IgA
- Gliadin IgG

Pre-analytical process:

- Software prompts the operator to load reagents and samples.
- Software prompts the operator to load ImmunoCAP tests.
- Press enter to start.

Efficiency:

- Walk-away convenience
- Only 25 minutes hands-on time per run
- Fast-complete assay run in 150 minutes
- Ready-to-use daily curve controls
- Calibration curve is stored monthly
- Low maintenance

Accurate and reproducible:

- Assays calibrated against WHO reference preparations.
- Utilizes high-precision ImmunoCAP technology.
- Reagents optimized for 37°C processing.
- Maintains a constant 37°C temperature-controlled processing chamber.

Maintenance and support:

- Ready-to-use daily curve controls.
- Calibration curve is stored monthly.
- Low maintenance.

Diagnostic capabilities:

- Fully automated in vitro allergy diagnostics.
- Available analytes include specific IgE, total IgE, specific IgG, specific IgG₄, specific IgA, ECP, and tryptase.
- New potential added to diagnostic capabilities.

Laboratory efficiency:

- Walk-away convenience.
- Only 25 minutes hands-on time per run.
- Fast-complete assay run in 150 minutes.
- Ready-to-use daily curve controls.
- Calibration curve is stored monthly.
- Low maintenance.

Pre-analytical process:

- Software prompts the operator to load reagents and samples.
- Software prompts the operator to load ImmunoCAP tests.
- Press enter to start.

Hands-on time per run:

- 8:00 to 9:00: Start up
- 9:00 to 10:00: Sample process start
- 10:00 to 11:00: 48 results
- 11:00 onwards: Walk-away time

- Maintenance: 10 minutes
- Total time: 5 to 20 minutes

Diagnostic markers:

- Allergic disease markers: Specific IgE, Total IgE, Specific IgG, Specific IgG₄, Specific IgA.
- Inflammation & anaphylaxis markers: ECP, Tryptase.
- Adverse reactions to foods markers: Gliadin IgA, Gliadin IgG.
Batch assays with Flexibility

✦ 48 determinations per run in up to 4 different methods
✦ Onboard sample dilutions

✦ Minimal sample volumes required (40 µL per determination)
✦ Versatile assay processing options
✦ A system optimized for allergy testing, the ImmunoCAP™ 100 System provides extremely accurate, reproducible quantitative results across the full measuring range of each analyte.

✦ As ImmunoCAP testing volumes increase, simply start another assay run to double the number of tests processed in a day.
✦ Two linked instruments controlled via PC running ImmunoCAP Data Manager (IDM) software can cumulatively process almost 200 tests (two assay runs per instrument per day).

Comprehensive Service and Support

✦ Hands-on personnel training
✦ On-line Internet Resource Material

✦ Toll-free access to Technical Support
✦ Quality Club – Quality Assessment Program

Key instrument features

✦ Robust stored calibration curves ensure accurate results
✦ Instrument self-test prevents errors before start and includes a print out of recommended actions
✦ Cleaning procedure keeps instrument in top condition
✦ Traceability of used lot numbers when using barcode reader
✦ Designed to be operated with the ImmunoCAP Data Manager Software

Up to 5-units can be linked
### Accessories

<table>
<thead>
<tr>
<th>Product Name/Details</th>
<th>Product No.</th>
<th>Quantity</th>
<th>Category Code</th>
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<tbody>
<tr>
<td>ImmunoCAP™ Bottle Filters With Tubing</td>
<td>12-3505-11</td>
<td>2 per pkg</td>
<td>52XX</td>
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<tr>
<td>ImmunoCAP Drainage Filters</td>
<td>12-3500-75</td>
<td>5 per pkg</td>
<td>52XX</td>
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<tr>
<td>ImmunoCAP Thermal Printer Paper</td>
<td>12-3501-05</td>
<td>2 rolls</td>
<td>52XX</td>
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<tr>
<td>ImmunoCAP Cuvette (order from Tech Support)</td>
<td>NA</td>
<td>NA</td>
<td>52XX</td>
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<tr>
<td>ImmunoCAP Elution Wells Disc</td>
<td>12-3501-07</td>
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<td>52XX</td>
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<tr>
<td>ImmunoCAP Holder Disc</td>
<td>12-3501-06</td>
<td>1</td>
<td>52XX</td>
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<tr>
<td>Vacuum Grease (for O-ring lubrication)</td>
<td>12-3505-12</td>
<td>1 tube</td>
<td>52XX</td>
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<tr>
<td>ImmunoCAP Carrier Rack (for 96 ImmunoCAP carriers)</td>
<td>12-3250-01</td>
<td>1</td>
<td>54XX</td>
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<tr>
<td>Carrier Rack Stand (holds 1 ImmunoCAP carrier rack)</td>
<td>12-3251-01</td>
<td>1</td>
<td>54XX</td>
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<tr>
<td>Disinfectant (for maintenance of ImmunoCAP 100€)</td>
<td>12-35</td>
<td>10 ampoules</td>
<td>52XX</td>
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### Specifications

<table>
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<tr>
<th>Specification</th>
<th>Details</th>
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<tbody>
<tr>
<td>Dimensions</td>
<td>600 x 680 x 440 mm (D x W x H)</td>
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<tr>
<td>Weight</td>
<td>46 kg</td>
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<tr>
<td>Power Supply</td>
<td>AC 100V/120V/230V/240V 50/60 Hz grounded outlet</td>
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<tr>
<td>Power Consumption</td>
<td>550 VA (maximum)</td>
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<td>UPS supplied (1000 VA)</td>
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<tr>
<td>Electrical/Mechanical Certifications</td>
<td>CE, IEC, EMC (EN), ETL</td>
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<tr>
<td>Operating Temperature</td>
<td>Ambient air temperature: 18ºC to 32ºC</td>
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<tr>
<td></td>
<td>Ambient air change: 2ºC/hr maximum</td>
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<td>Ambient air humidity: 10% to 85% RH</td>
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<td>Pipette Type</td>
<td>Liquid Level detection</td>
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<tr>
<td>Rinse Solution</td>
<td>Purified Water*</td>
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<tr>
<td>Printer</td>
<td>Internal thermal printer and external PC laser printer</td>
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<tr>
<td>Serial Ports for Supplied External PC and ImmunoCAP instruments</td>
<td>Link up to five ImmunoCAP 100€ Instruments</td>
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