



DO MORE ALLERGY TESTING WITH LESS USING NOVEOS® SOLUTIONS

Generate 10x more test results using only 4µL of sample per test!

» MORE

« LESS

» EFFICIENT, COST-EFFECTIVE

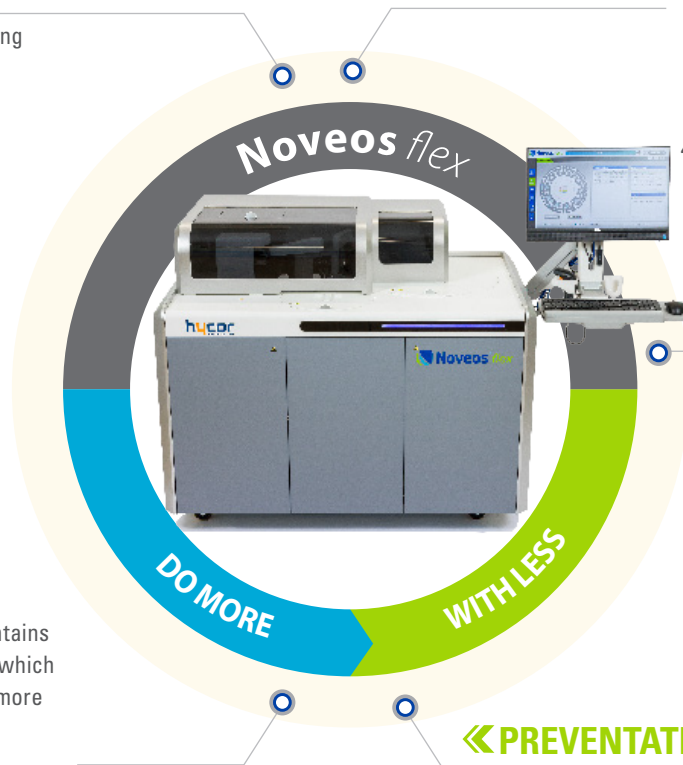
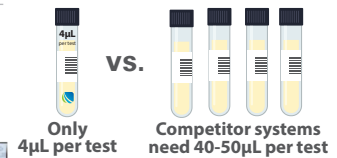
- Liquid, ready-to-use reagents allowing much larger lot sizes and less waste
- Continuous loading of reagents and samples during the run
- Process over 350 allergy tests in a single shift
- Ideal for mid-size laboratories performing 15,000-50,000 tests annually

» ACCURATE RESULTS

- **VAST SURFACE AREA:** Each test contains more than 35 million microparticles, which allows for vast surface area and for more effective washing.
- **DYNAMIC REACTION KINETICS:** Noveos paramagnetic microparticles are resuspended in solution and are paramagnetic which allows for dynamic three-dimensional liquid-phase kinetics for fast binding and high sensitivity.

« SAMPLE SIZE PER TEST

- Ideal for testing pediatric and direct consumer allergy patients
- Reduces Quantity Not Sufficient (QNS) errors
- Small sample volumes reduce interference from serum substances



« INTERFERENCES

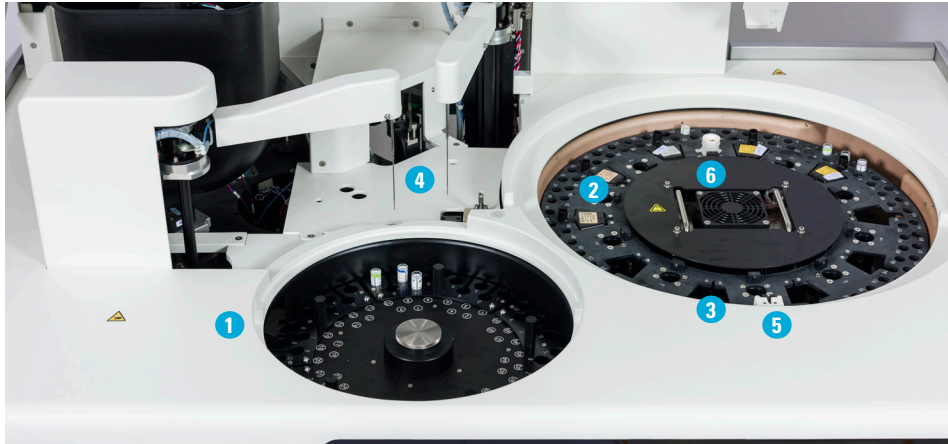
- No biotin interferences, preventing false negative results
- Unaffected by cellulose-based Cross-reactive Carbohydrate Determinant (CCD) interferences, eliminating false positives

« PREVENTATIVE MAINTENANCE TIME

- Saving one complete day on monthly preventive maintenance compared to competitors
- Daily maintenance during start-up of the instrument for efficient use of time



Noveos *flex* is a fully automated instrument, paired with specialized software, is designed to streamline the processing of samples, reagents, and measuring results in mid to large clinical laboratories. With Noveos *flex*, you can maximize your daily routine with optimal flexibility, ensuring your lab operates at peak performance using only 4µL of sample per allergen test!



Features

1. Sample Rotor

- Capacity for 50 sample positions
- Load extra samples during run
- Removable sample racks

2. Reaction Rotor

- 32 cuvette positions for continuous processing
- Heated at 37°C
- Disposable cuvettes

3. Reagent Rotor

- 90 Allergen positions
- Refrigerated at 2°C to 8°C
- Load up to 6,750 tests per run

4. Probes

5. Barcode Readers

- Full sample and reagent traceability through barcodes allows for inventory tracking and automated processing.
- The system can read Code 39, Code 128, Interleaved 2 of 5, and Codabar.
- NOVEOS reagents are provided with Code 128 barcodes.

6. Fluo Beads™

- Fluorescent-tagged streptavidin magnetic microparticles

Key metrics

- Time to first result: 50 minutes
- When putting a sample during a run: 40 minutes to a result
- Save a complete day in monthly maintenance
- Training: 1 day onsite training
- Continuous loading samples and reagents

Expanding Menu[†]

Specific IgE Testing

- Epidermal & Animal Proteins
- Food
- Grass/Weeds
- Mites, Insects & Parasites
- Molds
- Occupational
- Trees
- Noveos Screen
- Mixes



Allergen Components

- Recombinant
- Native

Total IgE

Tryptase RUO*

Eosinophil cationic protein (ECP[†]) RUO*

Specific IgG[‡] RUO* / IgG4[‡] RUO*

Instrument specifications

Dimensions	Length 1375 mm (54.1 in.) • Height 1160 mm (45.7 in.) • Depth 825 mm (32.5 in.)
Weight	320 Kg (705.5 lbs.), with empty waste, wash and DI water containers
Doors Open	Length 1375 mm (54.1 in.) Height 1160 mm (45.7 in.) Depth 1230 mm (48.4 in.)
Canopy Open	1600 mm (63 in.)
Service Access	Allow an extra 914.4 mm (36 in.) to one side and to the front for servicing

* Research Use Only. Not for Use in Diagnostic Procedures.

† These products may not be cleared for use in your country. Please contact your sales representative for information about specific product availability.

‡ Available Soon

CH REP Axon Lab AG, Tafelstrasse 15, 5405 Baden Dattwil

ec REP Advena Ltd. Tower Business Centre, 2nd Floor Tower Street, Swatar, BKR 4013 Malta

CE These products are not currently available in the United States and in some regions outside of Europe.

Request a demo to see the Noveos *flex* features in action!

Contact your local sales rep or visit us online to learn more. [HycorBiomedical.com/demo](https://www.HycorBiomedical.com/demo)



MKTG 304 Rev. A | April 2025 | ©2025 Hycor Biomedical All Rights Reserved.

www.HycorBiomedical.com

Hycor Biomedical
7272 Chapman Ave.
Garden Grove, CA 92641 US
Technical Services: 800-382-2527
CustomerServices-US@hycorbiomedical.com

Hycor Europe B.V.
Mercuriusplein 19b,
2132 HA Hoofddorp Netherlands
Technical Services: +31 (0)20 899 4276
cseurope@hycorbiomedical.com

Hycor France
5 rue de Castiglione
75001 Paris France
Technical Services: +33 174 31 3569
cseurope@hycorbiomedical.com

Hycor Deutschland
Reinhard-Rube-Strasse 17
37077 Göttingen Deutschland
Technical Services: +49 (0)551 797 41549
cseurope@hycorbiomedical.com

Hycor UK
130 Wood Street
London, United Kingdom, EC2V 6DL
Technical Services: +31 (0)20 899 4276
cseurope@hycorbiomedical.com