ALLERG-O-LIQ System

Fully automated 4 plate Walk-Away-System for the allergy in-vitro diagnostics with biotinylated allergens and open platform for ELISA's

Specifications for allergy in-vitro diagnostics
- Quantitative determination of specific IgE and Total IgE in one Test-Run
- 6 point calibration (WHO-calibrated)
- Up to 368 determinations per Test-Run

Specifications for ELISA applications
- Up to ten parameters per Test-Run
- Flexible Set-Up

Advantages
- User-friendly Software (compatible with Windows 7)
- Short hands-on time
- Fully automated
- Build in Barcode Reader (BCR) for samples
- Possibility of managing up to two instruments connected to the same PC
- Host Interface connection capability, possibility to import and export work lists (LIS)
- CE marked
- High precision
Technical Data

Automat: APE ELITE (DAS, Italien)
Build-in barcode reader: barcode reader for samples
Connection: LIS interface capability, work list import from Host Computer; a single PC can run more instruments at the same time
Throughput: Dispense time for 8 samples (100 µL each): less than 45 seconds for each 8-well strip, including needle washing time with 1 mL washing solution between each sample pipetting
Dispense volume: from 8 µl to 1000 µl with 1 µl step, inaccuracy — 1% at 100 µl
Needle: 2 needles for dilution and dispensation; detecting the liquid surface
Plate incubation: At room temperature
Capacity: 4 microtiter plates, 96 well each
Photometer: 8 independent photometric channels with mono- and bichromatic reading capability
Standard filter: 2 precision filters (450 and 630 nm); 2 more available on request (4 filters max, 400-700nm)
Accuracy: reading from 0.000 to 3.000 OD; inaccuracy - 1% from 0.000 to 1.500 OD, - 2% from 1.500 to 3.000 OD
Elect. connections: 230 or 115 VAC, 50 - 60 Hz, 650 W
Dimensions: cm: 113 x 77 x 75 (width x depth x height)
Weight: 120 kg
PC quirrments: 250 MB free space hard disk; 4 GB RAM; Intel Core i3 processor or better
System program: Apex (Allergy, Elisa & IFA)

Figure 1
The work area (left picture) and the time schedule (right picture) of the Apex Software

Related Products

- Total IgE ALLERG-O-LIQ REF 08101FL
- Specific IgE REAST REF 0520960FL
- Reference system REF 07050FL
- Allergens REF Code-FL
- ECP REF 20076
- Autoimmune parameter REF 250xx