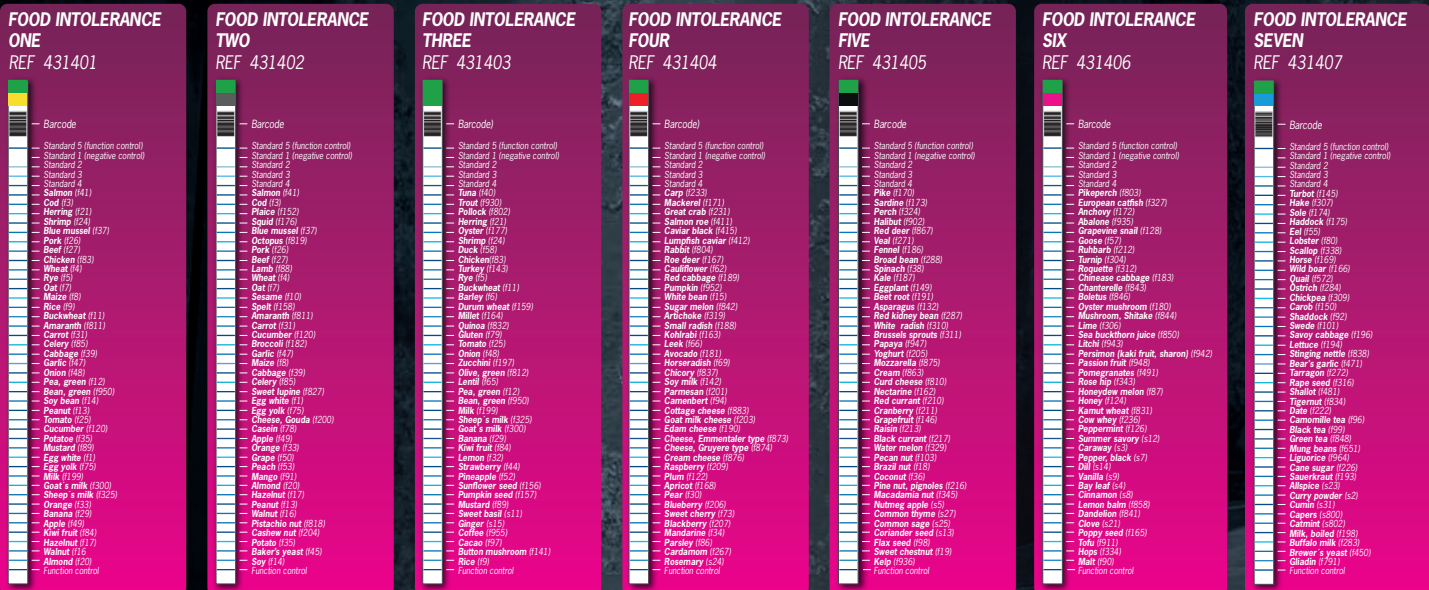


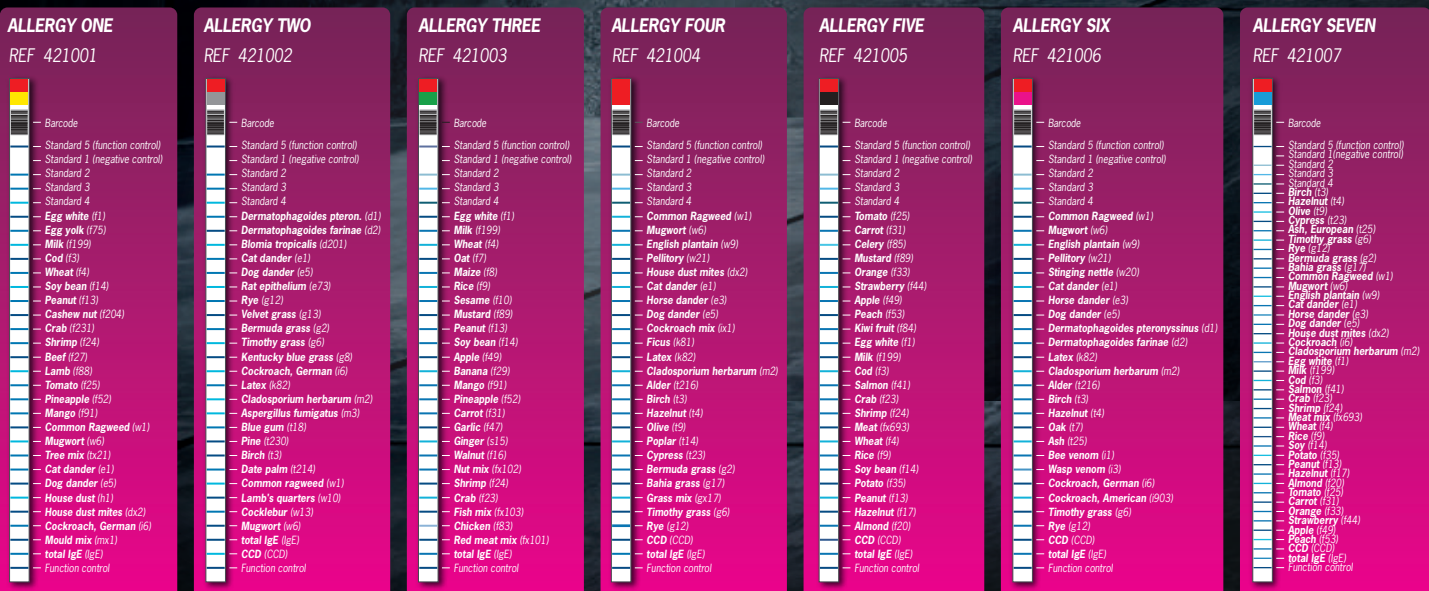
AESKUBLOTS® BLOT TEST KITS
Reagents validated and optimized for automation with **HELIA®** & **HELMED®** BLOT, additional profiles are under development:



AESKUBLOTS® FOOD INTOLERANCE TEST KITS
Reagents intended for fully automated performance with HELIA, quantitative results in kUA/L or classes. Additional profiles will follow.



AESKUBLOTS® ALLERGY TEST KITS
Reagents intended for fully automated performance with HELIA, quantitative results in kUA/L or rast classes. Additional profiles will follow.



WHY MAKE THINGS COMPLICATED?

HELIA®

HELMED LINE IMMUNOASSAY ANALYZER



HELIA® Fast Automated Immunoblot Analyzer

Autoimmunity • Infectious Serology • Food Intolerance • Allergy

VERSION 006: 2018-09-05 / HELIA® is currently not available in the USA / AESKUBLOTS® in the US for research use only.

HELIA® – HELMED LINE IMMUNOASSAY ANALYZER

HELIA® is an automated analyzer for line immunoassays. The **HELIA®** system is able to perform all immunoblot processing steps, and can read and report results using its integrated camera and image processing software. Based on the **HELMED®** platform, the **HELIA®** system unites proven lab automation with innovative immunoblot processing and reading technology. **HELIA®** was developed to simplify and automate immunoblot testing with a focus on standardization, minimal footprint and easy laboratory implementation. **HELIA®** will be delivered with a preinstalled and configured All-in-one PC – One single compact system monitor with integrated PC.

AESKU® is a company that develops, designs and produces the **HELIA®** system and all dedicated reagents, offering complete control of the entire product life cycle.

Walk away
Total immunoblot automation from primary sample tube to result interpretation. The **HELIA®** system offers a complete walkaway solution.

High resolution
Camera with a 5 megapixel resolution CMOS color sensor.

Proven Reliability
The **HELIA®** uses the **HELMED®** hardware-architecture, with more than 800 installed systems.

LIS Connection
Bidirectional connection with **AESKU.LAB** middleware and / or LIS.

Sample Barcode
Barcode Scanner for automatic sample detection and identification.

User friendly software
HELIA® Device Software offers a sleek interface with a comprehensive workflow management suite and intuitive customization.

Additional Features

- Minimal footprint
- No consumables
- Low sample dead volume (under 50 µl)

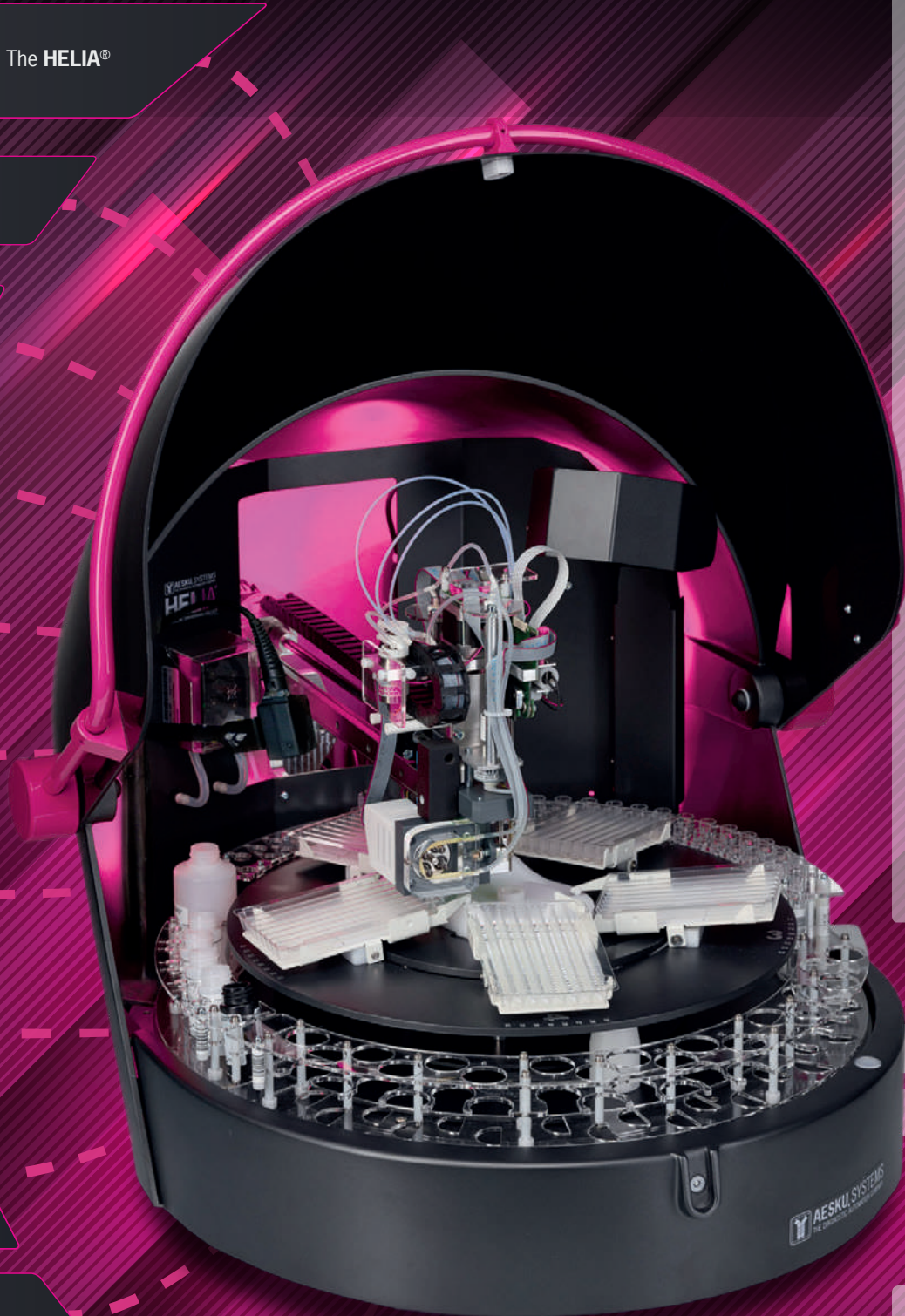
Faster
The multiplex technology yields up to 1600 results in 3.5 hours.

High Capacity

- Up to 9 different **AESKUBLOTS®** tests/lots per run
- 18 reagent positions plus 2 system liquids
- 5 trays each with 8 **AESKUBLOTS®** strips, up to 40 strips in total

Traceability
Complete tracking of entire immunoblot procedure.

Level Detection
All conjugates, substrates, samples and sample buffers are checked before pipetting and all errors are logged.



HELIA® TECHNICAL SPECIFICATIONS	
Work mode	Batch
Automates	Blot processing and image capturing
LIS connectivity	Yes
Barcode recognition of	Sample
Camera	5 mp
Number of Samples	40
Sample volume	1-300 µl
Test panels	Up to 9 panels per run
Sample probe	Stainless steel
Liquid system	2 syringes, 2 peristaltic pumps
Liquid detection	Yes, conductivity
Max. reagent volume	2 ml
System liquid bottle(s)	2
Waste bottle	2 L
Reagent positions	18
Blot processing software	Open
Imaging	Closed, only available for AESKUBLOTS
Number of tests	7 autoimmune, 2 serology, 7 allergy, 7 food intolerance
Image capture	3 seconds per tray, using wet strips
Dimensions	640 x 700 x 560 mm
Weight	32 kg
Power consumption	75 W
PC	External PC included

PRODUCT ORDERING REFERENCES		Description
HELIA® AUTOMATED BLOT SYSTEM	REF. LIA-1000	BLOT Processor with All-in-one PC included

AESQC®
Improve your analytical performance with **AESQC** multiparametric autoimmune controls now validated as quality controls for **AESKUBLOTS®**.

AESQC® Pool 1
REF AESQCP1

- SS-A 60 kDa
- SS-A 52 kDa
- SS-B
- Jo-1
- AMA

Presentation: 2x 500µl

AESQC® Pool 4
REF AESQCP4

- TPO
- TG
- MPO
- Glia IgA and IgG
- PR3
- GBM

Presentation: 2x 500µl

AESQC® Pool 6
REF AESQCP6

- BORRELIA IgG-Vlse

Presentation: 2x 500µl

AESQC® Pool 7
REF AESQCP7

- Borrelia IgM-OspC

Presentation: 2x 500µl