



MEET THE MAGO 4

Automated analyser for ELISA and IFA tests



Making Automation Affordable
for Labs Everywhere

www.erbamannheim.com

ELISA and IFA technologies in a single platform

Upgrade your immunology workflow with the Mago 4

Automation of ELISA and Immunofluorescence assays are crucial upgrade step of medium sized labs, dealing with diverse tests and methods.

Mago 4 minimizes the hands-on-time and optimizes the workflow for labs that require reliable automation of ELISA tests and preparation of immunofluorescence slides.

Mago 4 is a four plate analyser, that enables to run ELISA, IFA and agglutination tests in a single batch. Users can combine up to 12 ELISA, and 16 IFA methods, choose disposable tips or dilution strips for defined samples and methods. These unique features provide advantages for medium sized labs with maximum capacity of 104 samples, and enable to simultaneously run multiple samples and methods.

Integrated PC with a touchscreen and internal liquid handling system makes Mago 4 compact platform, which will fit perfectly into every lab's daily workflow.



Wide test portfolio including:



Blood Bank



TORCH



Hepatitis



Infectious diseases



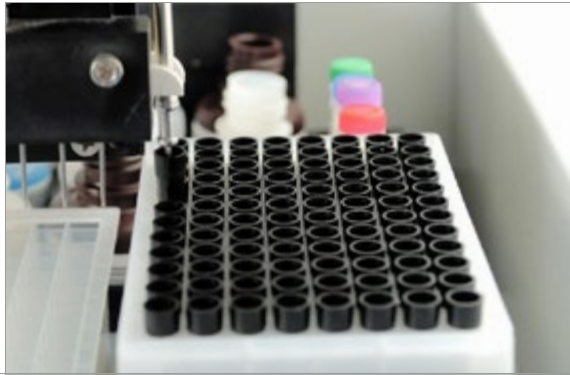
Autoimmune diseases

Complete solution for ELISA and IFA workflow management

Automated pipetting



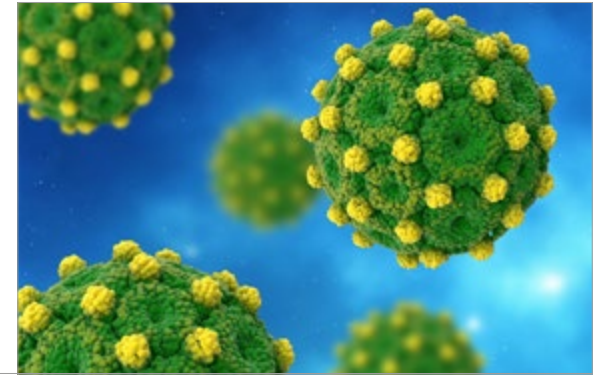
Single probe dispensing reagents and samples with/without disposable tips



Wide test portfolio



Blood bank, TORCH, Hepatitis, Infectious diseases, Autoimmunity tests existing protocols



Versatility



ELISA, IFA, Agglutination tests automation



Test Capacity

12

Four independent plates equipped with incubators, 12 different ELISA assays in a single run



Samples



104 sample positions in running chain belt with sample barcode screening



QC data management



Levey-Jennings and Westgard rules on board



GENERAL SPECIFICATIONS

Number of plates	Assays per batch
4	12
Slides per holder	Combination
4	ELISA, IFA, Agglutination tests
Sample capacity	Sample tube
104	12-13 mm x 75-85 mm
Sample volume	Sample identification
200 ul, 150 ul in Eppendorf tube	YES, integrated sample barcode reader
Reagents	Temperature range
9 bottle positions, up to 88 tubes positions	18-30
Sample dilution	Voltage
Dilution strips, up to 192 dilution positions	115-230 V
Weight	Frequency
90 Kg	50/60 Hz, 4-7 Aw
Dimensions	
120 x 70 x 66 cm (L x H x W)	

Erba Lachema s.r.o.

Karásek 2219/1d, 621 00 Brno,
Czech Republic

✉ sales@erbamannheim.com

www.erbamannheim.com



READER SPECIFICATIONS

Dynamic range	OD range
0,0/3,0 OD	400-800/340-750 nm
Accuracy	Precision
± 1 % a ± 0,005 O.D. v 1,5 O.D.	± 0,5 % a ± 0,005 O.D. v 1,5 O.D.
Read time	Filters on board
5 sec/plate	405, 450, 492 and 620 nm, two empty positions

LIQUID MANAGEMENT

Probe	Washing manifold
Single probe	8 dispensing, 8 aspirating channels
Tips	
maximum capacity 192 tips, 300 ul conductive tips used for samples and reagents, optional	
Wash buffer bottles	Distilled water tank
2 x 2l	1 x 2l
Low volume alarm	Waste liquid tank
Yes	1x 10l



Total Solutions for Clinical Diagnostics

The Devices are in compliance with the IVDR requirements of CE marking

Ref: IM001/2022/2