

VIDIMAT

VIDIMAT is a fully automatic small benchtop analyser, which is suitable for ELISA microtitre plate and MONO-VIDITEST monotests processing. The analyser contains 2 positions for 2 microtitre plates or for 24 monotests and one for pre-dilution plate.

The analyser is easy to operate, also software is very user-friendly. As a part of the analyser, there is a small netbook placed on the raised pad. It allows effective utilization of working place around the analyser. The samples are loaded into the sliding sample tray, analyser automatically detect the sample position. They can be identified using a barcode or manually.

VIDIMAT is able to process ELISA microtitre plates along with the monotests in one run. It can be very useful for big laboratories and can serve as a complementary device to high-throughput analysers. On the other hand, MONO-VIDITEST kits are suitable also for those laboratories, which have the smaller sample turnover or they provide very special tests and therefore they cannot use whole 96-well microtitre plate.



Specification and technical details

Capacity

- › 2 microtiter plates
- › 12 MONOTESTS, 1 microtiter plate
- › 24 MONOTESTS
- › 1 pre-dilution plate

Data evaluation

- › semiquantitative (qualitative)
- › quantitative (AU/mL, IU/mL)

Incubations

- › 30'/30'/15' (most of the kits)
- › 37 °C

Precise pipetting

- › Analyzer uses high precision micro-syringe
- › Aspiration of 1 µl with less than 3% CV
- › Sample dilutions directly in the reaction wells - eliminates the need for extra pre-dilution steps
- › The same level of Precision as other instruments in its class, but at much lower volumes

Real-time process monitoring

- › The probe-mounted camera allows to monitor internal operations in real-time
- › The camera and system logs allow technicians to remotely resolve most problems

Intelligent racks

- › Intelligent racks sense each individual sample's position during loading and record the position
- › The VIDIMAT's further streamlines setup with a slide-out tray, that provides easy access to the intelligent racks for patient samples

Samples shaking

- › Fully-integrated and automated orbital shaker
- › Orbital shaker keeps fluids in wells while shaking up to 900 RPM
- › Repeatable and accurate results

Quick and uniform heating

- › Eliminates "edge effects"
- › The forced convection incubator quickly and uniformly heats each individual reaction well
- › Consistent results

Why using VIDIMAT :

- › Fully automatic analyzer
- › ELISA microtiter plates and MONOTEST processing **in one run**
- › Reliability
- › Precision
- › Easy to use





Monotests

MONO-VIDITEST kits are intended for the detection of antibodies to various pathogens in serum, plasma, cerebrospinal fluid and synovial fluid (where applicable). MONO-VIDITEST allows testing of one patient sample per one test. They have unified incubation and washing steps, so they can be tested in one run, which allows to combine various type of tests to very efficiently characterize a patient sample.

MONO-VIDITEST kits contain interchangeable VIDIA buffers and cartridges with all lot-specific reagents.

REF	MONO-VIDITEST	Sample	Tests in kit
KZ-100-12	anti-VCA EBV IgG	serum, cerebrospinal fluid	12
KZ-101-12	anti-VCA EBV IgM	serum	12
KZ-102-12	anti-VCA EBV IgA	serum	12
KZ-103-12	anti-VCA EBV IgG avidity	serum	12
KZ-110-12	anti-EBNA-1 EBV IgG	serum	12
KZ-111-12	anti-EBNA-1 EBV IgM	serum	12
KZ-120-12	anti-EA(D) EBV IgG	serum	12
KZ-121-12	anti-EA(D) EBV IgM	serum	12
KZ-122-12	anti-EA(D) EBV IgA	serum	12
KZ-150-12	anti-VZV IgG	serum, cerebrospinal fluid	12
KZ-151-12	anti-VZV gM	serum	12
KZ-152-12	anti-VZV IgA	serum	12
KZ-153-12	anti-VZV IgG avidity	serum	12
KZ-140-12	anti-HSV1+2 IgG	serum, cerebrospinal fluid	12
KZ-141-12	anti-HSV1+2 IgM	serum	12
KZ-142-12	anti-HSV1+2 IgA	serum	12
KZ-160-12	anti-HHV-6 IgG	serum, cerebrospinal fluid	12
KZ-161-12	anti-HHV-6 IgM	serum	12
KZ-300-12	anti-Borrelia recomb. IgG + VlsE	serum, cerebrospinal fluid, synovial fluid	12
KZ-301-12	anti-Borrelia recomb. IgM	serum, cerebrospinal fluid, synovial fluid	12
KZ-310-12	anti-TBEV IgG	serum, cerebrospinal fluid	12
KZ-311-12	anti-TBEV IgM	serum	12
KZ-313-12	anti-TBEV IgG avidity	serum	12
KZ-400-12	anti-Mycoplasma pn. IgG*	serum	12
KZ-401-12	anti-Mycoplasma pn. IgM*	serum	12
KZ-402-12	anti-Mycoplasma pn. IgA*	serum	12
KZ-130-12	anti-CMV IgG	serum	12
KZ-133-12	anti-CMV IgG avidity	serum	12
KZ-131-12	anti-CMV IgM	serum, plasma	12
KZ-132-12	anti-CMV IgA	serum	12
KZ-230-12	anti-Chlamydia pneumoniae IgG	serum, plasma	12
KZ-231-12	anti-Chlamydia pneumoniae IgM	serum, plasma	12
KZ-232-12	anti-Chlamydia pneumoniae IgA	serum, plasma	12

NEW
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NEW

AVAILABLE DURING 2021

REF	MONO-VIDITEST	Sample	Tests in kit
	anti-Chlamydia trachomatis IgG	serum, plasma	12
	anti-Chlamydia trachomatis IgA	serum, plasma	12
	anti-Toxo IgG	serum, plasma	12
	anti-Toxo IgM	serum, plasma	12
	anti-Toxo IgA	serum, plasma	12
	anti-Rubella IgG	serum, plasma	12
	anti-Rubella IgM	serum, plasma	12
NEW	anti-SARS-CoV-2 (NP) IgA	serum, plasma	12
NEW	anti-SARS-CoV-2 (NP) IgG	serum, plasma	12
NEW	anti-SARS-CoV-2 (NP) IgM	serum, plasma	12
NEW	anti-SARS-CoV-2 (S1) IgA	serum, plasma	12
NEW	anti-SARS-CoV-2 (S1) IgG	serum, plasma	12
NEW	anti-SARS-CoV-2 (S1) IgM	serum, plasma	12

Why using **MONO-VIDITEST** kits:

- 1 sample per one test
- Easy to use
- Various independent tests processed in one run
- Unified incubation times



Distribuito in ITALIA da
Li StarFish S.r.l.
 Via Cavour, 35
 20063 Cernusco S/N (MI)
 telefono 02-92150794
 info@listarfish.it
 www.listarfish.it