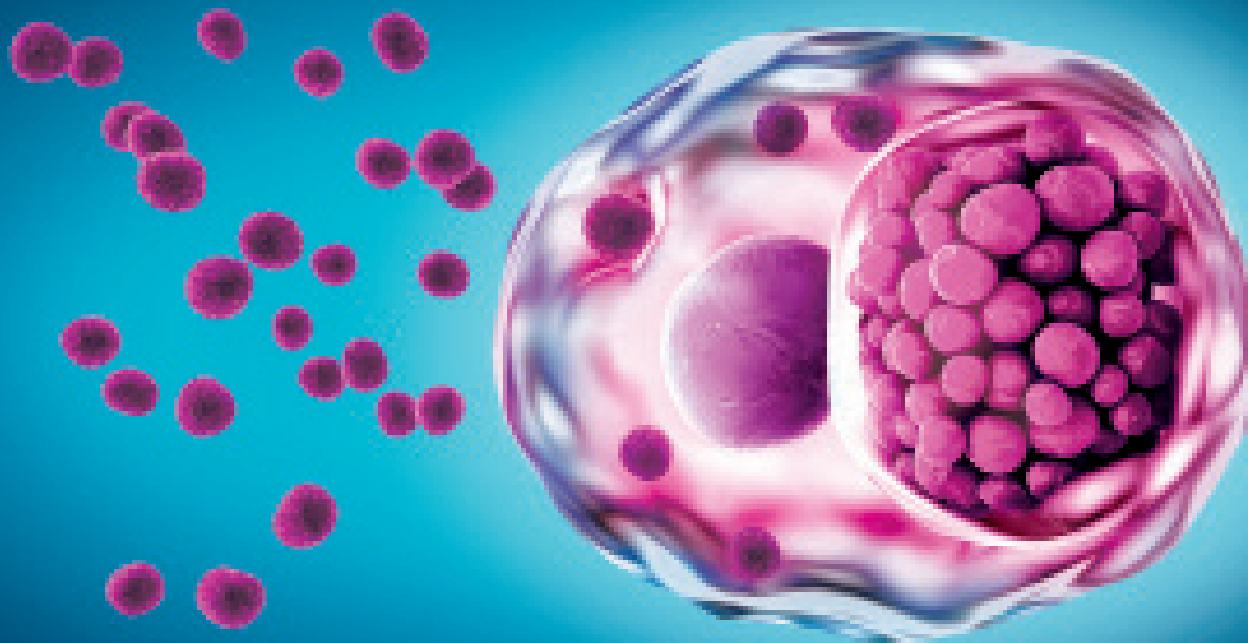


ELISA–VIDITEST

Chlamydia trachomatis



VIDIA new immunoenzymatic kits

· intended for the qualitative and semi-quantitative detection of IgA and IgG antibodies against Chlamydia trachomatis in human serum and plasma.

...the way
to the correct
result



IgM
ANTIBODY
RESPONSE

evidence of an early primary
infection



IgA
ANTIBODY
RESPONSE

evidence of an infection
that has already occurred



IgG
ANTIBODY
RESPONSE

evidence of an acute or chronic
infection

Serological diagnostics

is a basic prerequisite for effective therapy. Detection of a chlamydial infection is based on the determination of titer of antibodies by the ELISA method. It is therefore necessary to support the clinical impact of chlamydiosis with this laboratory examination as well.

Benefits of the kits

- Qualitative and semi-quantitative evaluation
- Reagents in r. t. u.
- Unified incubation times, temperatures and reagents
- Color-coded reagents



ELISA–VIDITEST

The kits are coming
from own research,
development and
production.

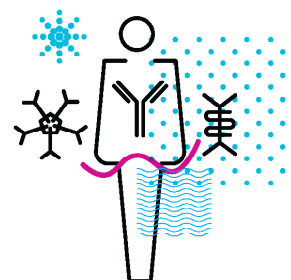
We are VIDIA spol. s. r. o.,
a Czech biotechnology company
with a wide range
of kits for diagnostic
examinations. Our products
are developed with high quality.

ELISA-VIDITEST

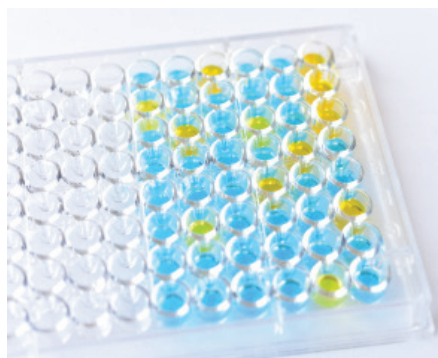
Chlamydia trachomatis

Insidious bacteria

This intercellular parasite is considered to be the most widespread agent worldwide to cause sexually transmitted diseases with very serious consequences. It invades the host cell and transforms it for its survival and multiplication. The cell then ruptures and the bacteria discreetly attacks other organs of the body. It manifests itself when the immune system is weakened. The insidiousness lies in the interchangeability with other infections.



Principle of the test and procedure in steps



1. step

- Preparation of reagents and test serum / plasma
- Dilution, dosing and the whole measurement process takes place completely automatically in the VIDIMAT analyser

2. step

- Dispense of 100 µl of controls and diluted samples into the wells
- The primary antibody binds to the antigens on the solid surface of the wells
- Incubation for 30 minutes at 37 °C
- Suction and washing of the wells with 4 x 250 ml wash solution

3. step

- Dosage of 100 µl peroxidase conjugate
- The enzyme-labeled secondary antibody binds to the primary antibody during incubation
- Incubate for 30 minutes at 37 °C
- Suction and washing of the wells with 4 x 250 ml wash solution

4. krok

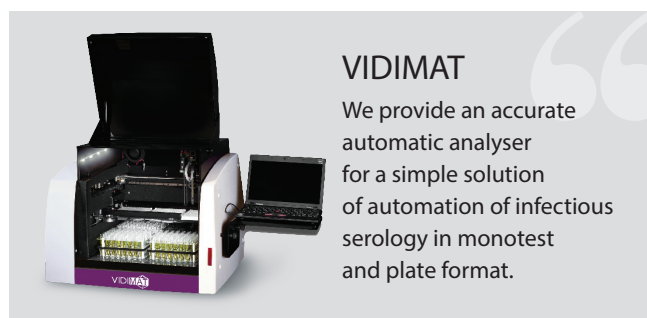
- Dosage of 100 µl of TMB chromogen substrate solution
- The enzyme reacts with the substrate
- Incubation for 15 minutes at RT
- Dosage of 100 µl of STOP solution

5. krok

- Measurement of absorbance at 450 / 620-690 nm within 20 minutes of stopping the reaction
- The evaluation of the test result takes place completely automatically in the VIDIMAT analyser

Benefits of measurement

- Qualitative and semi-quantitative evaluation of results
- Unified reagents for all kits in r.t.u.
- Unified grey zone, incubation times and temperatures
- Manual and / or automatic processing
- Automatic course in our VIDIMAT analyser
- Possibility of simultaneous measurement of ELISA and MONO tests in one run



VIDIMAT

We provide an accurate automatic analyser for a simple solution of automation of infectious serology in monotest and plate format.

Our kits



REF	Produkty
ODZ-465	ELISA-VIDITEST anti-Chlamydia trachomatis IgA
ODZ-464	ELISA-VIDITEST anti-Chlamydia trachomatis IgG



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