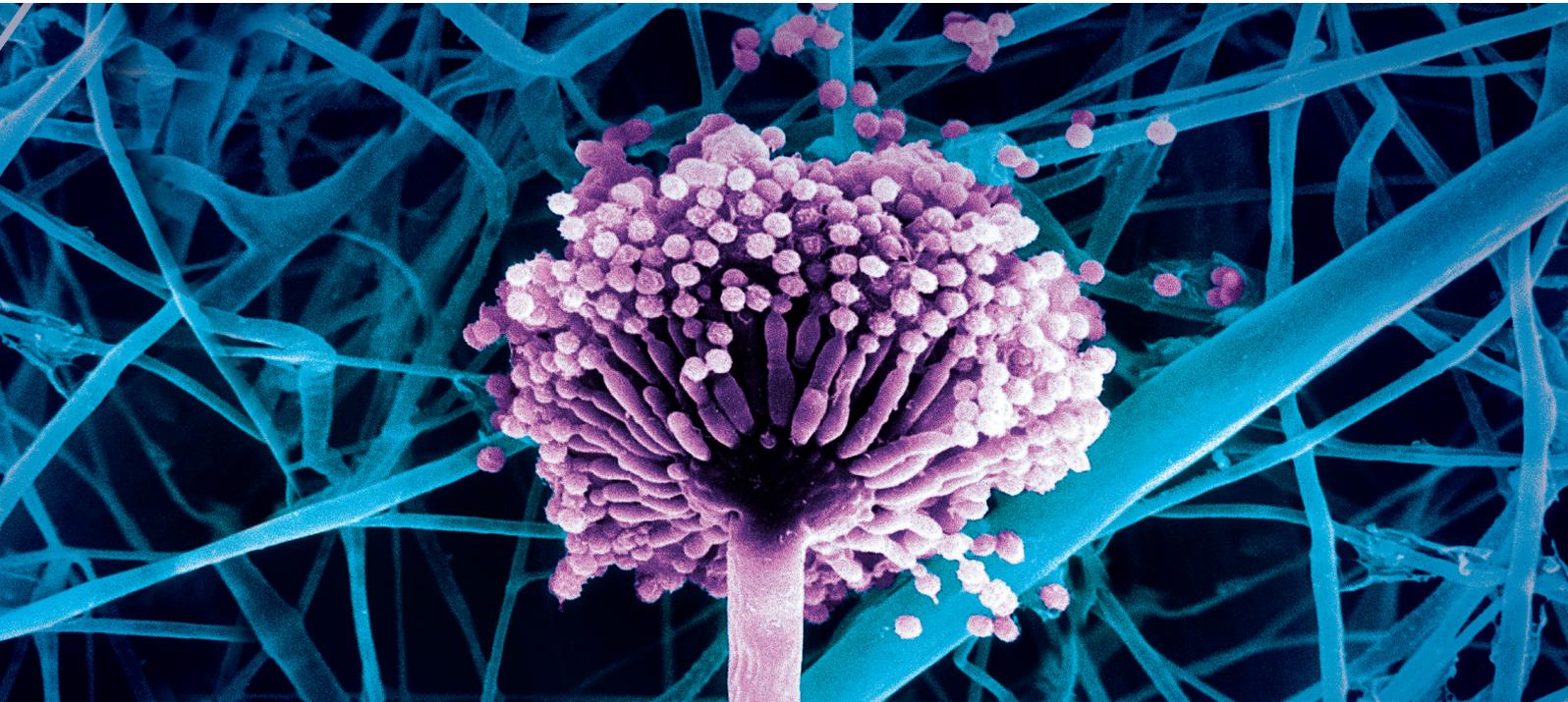


MONO-VIDITEST

Aspergillus fumigatus



SEM color photomicrograph of *Aspergillus fumigatus*.

VIDIA new immunoenzymatic kits

- intended for the quantitative and semiquantitative detection of specific IgA, IgM and IgG antibodies in human serum and plasma.

... the way to
the correct
results



IgA
ANTIBODY
RESPONSE

evidence for
acute infection



IgM
ANTIBODY
RESPONSE

evidence for
acute infection



IgG
ANTIBODY
RESPONSE

evidence for late acute
infection and re-infection

Serological diagnostics

A serological examination to detect antibodies against *Aspergillus fumigatus* antigens is very useful in the diagnosis of aspergilloma, and allergic bronchopulmonary aspergillosis (ABPA), two forms of aspergillosis seen in immunocompetent individuals. Early serological diagnosis and subsequent adequate antifungal therapy is also necessary in the case of pulmonary invasive aspergillosis (IA), which progresses very quickly and often with fatal consequences in the immunocompromised population.

Benefits of the kits

- Disposable cassette format
- Quantitative and semiquantitative evaluation of antibodies
- Diagnosis of acute and chronic aspergillosis
- Sample: human serum and plasma



MONO-VIDITEST

Kits come from our own research, development and production.

We are VIDIA spol. s r. o. Czech biotechnological company with a wide range of kits for diagnostic examination. We develop our products with high quality.

MONO-VIDITEST

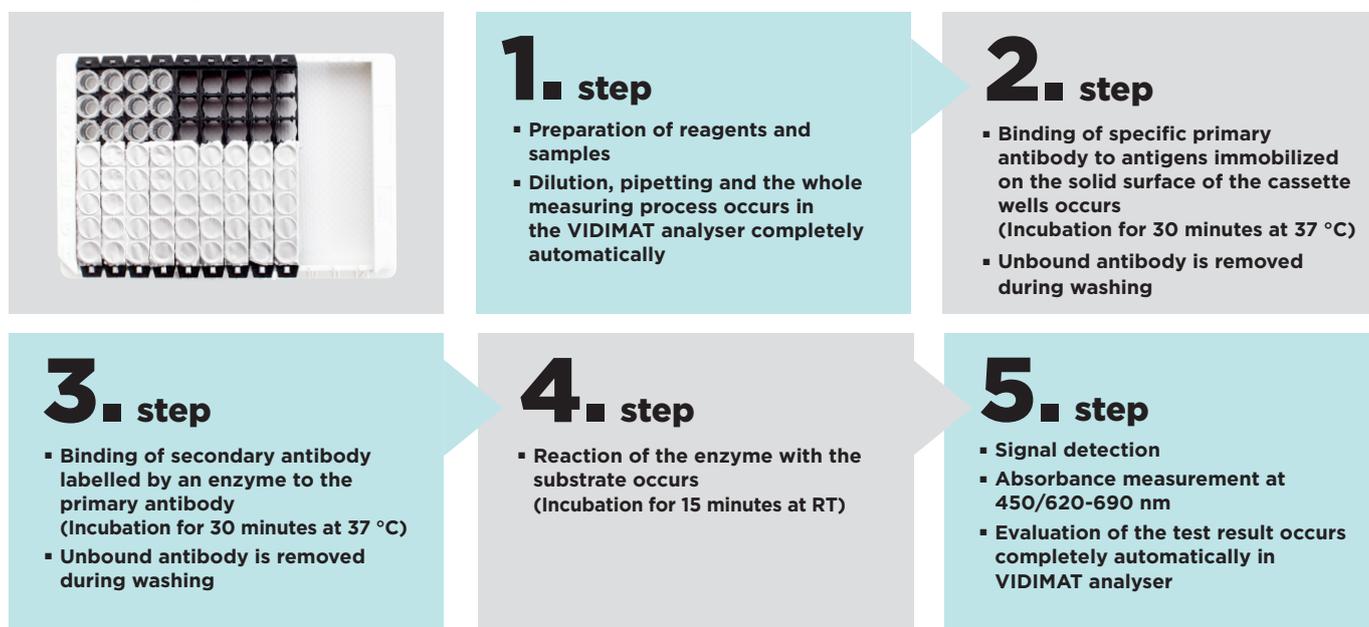
Aspergillus fumigatus

Aspergillus fumigatus is one of the most widespread airborne saprophytic fungi. The incidence of invasive fungal infections has increased dramatically in recent decades, especially in immunocompromised patients, including those on immunosuppressive therapy, autoimmune or neoplastic disease, organ transplant recipients, and AIDS patients. *A. fumigatus* is the most common etiologic agent, responsible for approximately 90% of human infections. The clinical picture of infections manifests itself in a wide spectrum. The patient's immune system plays a very important role in recognizing inhaled fungi, controlling growth, and regulating the body's inflammatory response to infection.

Systemic *A. fumigatus* infections are associated with high mortality, therefore early diagnosis and treatment in the immunocompromised population is important. Additionally, it causes chronic lung infections, allergic bronchopulmonary aspergillosis (ABPA) or allergic disease in immunocompetent individuals. It causes 4-12 % of all nosocomial infections.

Immunoenzymatic MONO-VIDITEST tests in cassette format system are intended for the diagnosis of fungal infections and other diseases caused by *A. fumigatus*. They help identify patients with invasive aspergillosis (IA), aspergilloma or ABPA in time and start adequate therapy.

Test principle and step by step procedure



Benefits of the measurement

- Quantitative and semiquantitative evaluation of IgA, IgM and IgG antibodies
- Sample: human serum and plasma
- Reagents included in the cartridge
- Easier and more convenient to use for one or more samples at once
- Unified incubation times, temperatures, reagents for all MONO-VIDITEST and ELISA-VIDITEST
- Automatic test processing in our analyzer VIDIMAT



VIDIMAT

We provide a precise automatic analyser for easy solutions of the infection serology automatization in cassette and microtiter plate format.

VIDIA kits



REF	Product	Evaluation	Incubation	Sample	Number of tests	VIDIMAT
KZ-700-12	anti-Aspergillus fumigatus IgG	semiquant., quant.	30' / 30' / 15'	serum, plasma	12	✓ NEW
KZ-701-12	anti-Aspergillus fumigatus IgM	semiquant., quant.	30' / 30' / 15'	serum, plasma	12	✓ NEW
KZ-702-12	anti-Aspergillus fumigatus IgA	semiquant., quant.	30' / 30' / 15'	serum, plasma	12	✓ NEW



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