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ADVNTBIOTECHNOLOGIES.COM

ADVNT

DETECTION MADE SIMPLE

ADVNT BIOTECHNOLOGIES, LLC

ADVNT Biotechnologies is the worlds leading global manufacturer of hand-held rapid detection products for today's most environmentally dangerous pathogens, toxins and bacteria. Whether the job is protecting against contamination for commercial shipping and distribution centers, testing suspicious mold in a residence, or serving National Security interests - ADVNT Biotechnologies is trusted for providing the fastest and most accurate testing devices on the market.



It is the mission of ADVNT Biotechnologies to make detection simple to protect what matters most.



ADVNT Biotechnologies proudly collaborates with industry-leading scientists to design mature mold screening systems that are military-grade. **ADVNT Biotechnologies** incorporates advanced technologies, including our own proprietary processes, antibodies and reagents to consistently deliver cutting-edge products. The INFORMANT rapid detection system is recognized as the market's leading test for screening Black Mold. The INFORMANT PLUS rapid detection system provides screening for microscopic concentrations of **toxigenic and allergenic** mold spores. This broad-spectrum screening device is unique in its ability to detect a variety of mycotoxins, including species of *Aspergillus*, *Penicillium*, *Stachybotrys*, and many other major & minor fungal allergens.



BLACK MOLD DETECTION TEST

The **ADVNT INFORMANT 15-Minute Black Mold Detection Test** is a highly accurate testing technology called immunochromatographic assay, also known as a rapid test or Hand-Held Assay (HHA).

Designed to rapidly detect the presence of specific substances in field-collected samples, HHA's have proven to be an indispensable tool for saving lives while reducing the time it takes to acquire results.

The Informant is designed to detect the most common, mycotoxins producing species of **Aspergillus**, **Penicillium** and **Stachybotrys**.



Each kit comes complete with:

- 2 - Black Mold Detection Tests
- 2 - Plastic Buffer Bottles with Swab Tip for easy sample collection
- 1 - Folded Instruction Sheet
- 1 - Resealable Pouch

Features include:

- Separate detection of *Aspergillus*/*Penicillium* from *Stachybotrys*
- Accurate results in as little as 3 minutes
- Detection below 10^5 or 100,000 spores/ml
- No cross-reactivity to non-toxic strains
- Compact and lightweight
- Two (2) year shelf life
- Each test individually packaged in a red vapor-lock pouch
- Independently evaluated by an AIHA laboratory
- 15 minute test run time
- NO LAB ANALYSIS REQUIRED



DETECTION SPECIFICATIONS

The Informant is designed to detect the most common, mycotoxins producing, species of *Aspergillus*, *Penicillium* and *Stachybotrys*. The table below lists many of the specific species and the Limits of Detection (LOD) for the ADVNT Informant Black Mold Detection Test:

Species	Concentrations
<i>S. echinata</i>	1X10 ⁵ spore/ml
<i>S. chartarum</i>	1X10 ⁵ spore/ml
<i>S. microspora</i>	1X10 ⁷ spore/ml
<i>S. chlorohalonata</i>	1X10 ⁶ spore/ml
<i>A. fumigatus</i>	1X10 ⁵ spore/ml
<i>A. flavus</i>	1X10 ⁵ spore/ml
<i>A. niger</i>	1X10 ⁷ spore/ml
<i>Wallemia sebi</i>	1X10 ⁶ spore/ml

Species	Concentrations
<i>A. restrictus</i>	1X10 ⁴ spore/ml
<i>A. sydowii</i>	1X10 ⁵ spore/ml
<i>A. versicolor</i>	1X10 ⁷ spore/ml
<i>A. amstelodami</i>	1X10 ⁵ spore/ml
<i>P. brevicompactum</i>	1X10 ⁷ spore/ml
<i>P. chrysogenum</i>	1X10 ⁵ spore/ml
<i>C. globosum</i>	1X10 ⁴ spore/ml



MOLD & FUNGAL ALLERGEN DETECTION TEST

The ADVNT INFORMANT PLUS 15-Minute Black Mold & Fungal Allergen Detection Test is a highly accurate testing technology called immunochromatographic assay, also known as a rapid test or Hand-Held Assay (HHA).

Designed to rapidly detect the presence of specific substances in field-collected samples, HHA's have proven to be an indispensable tool for businesses which want instantaneous field testing in protecting their investments in Plant, Property, Equipment and Personnel, saving money, while reducing the time it takes to acquire results.

The INFORMANT PLUS is designed to detect the most common, mycotoxins producing species of *Aspergillus*, *Penicillium*, *Stachybotrys* and many of the major & minor fungal allergens.

Each kit comes complete with:

- 1- Black Mold & Fungal Allergen Detection Test
- 1- Plastic Buffer Bottle with Swab Tip for easy sample collection
- 1- Folded Instruction Sheet
- 1- Resealable Pouch

Features include:

- NO LAB ANALYSIS REQUIRED
- Separate detection of *Aspergillus*/*Penicillium* from *Stachybotrys*
- Accurate results in as little as 3 minutes
- Detection below 10^5 or 100,000 spores/ml
- Compact and lightweight
- Two (2) year shelf life
- Each test individually packaged in a blue vapor-lock pouch
- Independently evaluated by an AIHA laboratory
- 15 minute test run time





DETECTION SPECIFICATIONS

The **ADVNT INFORMANT PLUS** is designed to detect the most common, mycotoxins producing, species of *Aspergillus*, *Penicillium*, *Stachybotrys* and many of the major & minor fungal allergens. The table below lists many of the specific species and the Limits of Detection (LOD) for the ADVNT INFORMANT PLUS Black Mold & Fungal Allergen Detection Test (bolded are most common toxigenic species; Non-bolded are common allergenic species):

Species	Concentrations	Species	Concentrations
S. echinata	1X10 ⁵ spore/ml	A. restrictus	1X10 ⁴ spore/mlIS
S. chartarum	1X10 ⁵ spore/ml	A. sydowii	1X10 ⁵ spore/ml
S. microspora	1X10 ⁷ spore/ml	A. versicolor	1X10 ⁷ spore/ml
S. chlorohalonata	1X10 ⁶ spore/ml	A. amstelodami	1X10 ⁵ spore/ml
A. fumigatus	1X10 ⁵ spore/ml	P. brevicompactum	1X10 ⁷ spore/ml
A. flavus	1X10 ⁵ spore/ml	P. chrysogenum	1X10 ⁵ spore/ml
A. niger	1X10 ⁷ spore/ml	C. globosum	1X10 ⁴ spore/ml
Wallemia sebi	1X10 ⁶ spore/ml	A. ochraceus	1X10 ⁶ spore/ml
A. candidus	1X10 ⁷ spore/ml	A. oryzae	1X10 ⁷ spore/ml
A. sclerotiorum	1X10 ⁵ spore/ml	A. ustus	1X10 ⁶ spore/ml
P. corylophilum	1X10 ⁵ spore/ml	P. crustosum	1X10 ⁶ spore/ml
P. notatum	1X10 ⁷ spore/ml	P. citrinum	1X10 ⁷ spore/ml
P. oxalicum	1X10 ⁷ spore/ml	P. spinulosum	1X10 ⁶ spore/ml
P. variable	1X10 ⁵ spore/ml	Acremonium strictum	1X10 ⁶ spore/ml
Alternaria alternata	1X10 ⁶ spore/ml	Paecilomyces variotil	1X10 ⁶ spore/ml
Scopulariopsis brevicaulis	1X10 ⁵ spore/ml	Scopulario. chartarum	1X10 ⁶ spore/ml
Trichoderma viride	1X10 ⁷ spore/ml	C. cladosporioides v1	1X10 ⁵ spore/ml
C. cladosporioides v2	1X10 ⁵ spore/ml	Mucor amphibiorum	1X10 ⁶ spore/ml