Platelia *Aspergillus* Ag Assay

EIA for screening, diagnosing and monitoring invasive aspergillosis (IA) in high-risk patients
Aids in High-Risk Patient Diagnosis
The Platelia *Aspergillus* Ag assay is a unique tool for screening, monitoring, and diagnosing invasive aspergillosis in high-risk patients including:
- Neutropenic hematological patients
- Non-neutropenic patients with hematological diseases
- Solid-organ transplant recipients and ICU patients

Platelia *Aspergillus* Ag Assay Benefits
- Standardized EIA format is easy to perform and interpret
- Results are reported as index values
- Microplate format (with breakable strips) is easily adaptable to each application

Gold standard assay for galactomannan detection in diagnosing invasive aspergillosis (IA)

The Platelia *Aspergillus* Ag Assay for galactomannan detection is both reliable and rapid.

Immunsuppressed patients are at-risk populations for invasive fungal infections such as invasive aspergillosis (IA). Due to difficulties in diagnosing IA in a reliable and timely manner, the IA mortality rates are very high (for example, ranging from 70-93% in hematopoietic stem cell transplant recipients). Early diagnosis is critical for effective treatment and to avoid costly antifungal therapy.
Targeting Galactomannan

For diagnosing invasive aspergillosis (IA)

Through detection of the galactomannan antigen, the non-invasive Platelia *Aspergillus Ag* assay allows physicians to screen, diagnose, and monitor invasive aspergillosis in conjunction with other diagnostic procedures.

Located in the *Aspergillus* cell wall, galactomannan is considered a reliable marker for invasive aspergillosis disease because circulating galactomannan antigen (GM) is released during active invasive aspergillosis.

**Galactomannan Antigen**

**First Qualified Clinical Biomarker for IA**

**Defined by the EORTC/MSG Consensus Group**

Galactomannan antigen detection using the Platelia *Aspergillus Ag* assay is among the mycological criteria defined by the EORTC/MSG Consensus Group.

**Galactomannan Draft Guidance**

In 2014, the FDA Center for Drug Evaluation and Research (CDER) approved galactomannan antigen (GM) testing by Platelia *Aspergillus Ag* as the first clinical biomarker qualified through the Biomarker Qualification Program.
Platelia Aspergillus Ag Assay for invasive aspergillosis detection

Validated on serum and bronchoalveolar lavage (BAL) fluid specimens for adult patients and serum for pediatric patients.

**Convenient**
- 96-well microplate with breakable strips
- Ready-to-use, colored reagents (diluents, calibrators, conjugate, chromogen)

**Secured**
Visual control of sample dilution and reagent deposit

**Objective**
Provides semi-quantitative results (galactomannan index values)

**Rapid**
Features rapid turnaround time (3 hours compared with several days using conventional methods)

**Reliable**
- Excellent sensitivity and specificity from oncohematology adult samples
- Faster initiation of appropriate treatment and monitoring of effectiveness

**Recommended Testing Systems**
The Bio-Rad fully automated EVOLIS systems or stand-alone systems (IPS/PR4100/PW40) are recommended instruments for testing with the Platelia Aspergillus Ag assay.

**Complementary Assays**
The Platelia Aspergillus Ag assay is a noninvasive method that improves the rapid and specific diagnosis of invasive aspergillosis (IA) when used in conjunction with other diagnostic procedures. The Bio-Rad EIA offer with Platelia Candida Ag Plus, Platelia Candida Ab Plus, and Platelia Aspergillus Ag assays is a reliable solution for detection at the right time during main invasive fungal infections.

**Ordering Information**

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<th>Catalog No.</th>
<th>Description</th>
<th>Quantity</th>
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<tr>
<td>62794</td>
<td>Platelia Aspergillus Ag.</td>
<td>96 tests</td>
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<tr>
<td>62792</td>
<td>Platelia Aspergillus Proficiency Panel.</td>
<td>3 x 6 tests</td>
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Contact your Bio-Rad representative to learn more about our Platelia Aspergillus Ag Assay, testing instruments, and world class technical support.

Visit bio-rad.com/diagnostics for more information.