

Active Melioidosis *Detect*TM

Rapid Test - RUO

InBios

*Innovative Diagnostics
for Infectious Diseases*

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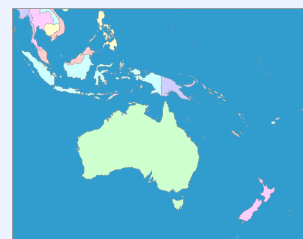


Manufactured in the USA



13485-2003 Certified

Melioidosis is an infectious disease caused by the bacterium *Burkholderia pseudomallei*. It is predominately a disease of tropical climates, especially in Southeast Asia and northern Australia where it is widespread. The bacteria causing melioidosis are found in contaminated water and soil. It is spread to humans and animals through direct contact with the contaminated source.



The InBios Active Melioidosis *Detect*TM Rapid Test (AMD) is being developed for rapid qualitative detection of the capsular polysaccharide (CPS) produced by *Burkholderia pseudomallei*.

Features:

- Can potentially be used to test whole blood, serum, plasma, urine, pus, sputum, bacterial colonies or hemoculture bottles.
- Results in 15 minutes
- Room Temperature Storage

Study Results:

A large panel of *B. pseudomallei* isolates and near neighbor species (e.g. *B. thailandensis*) were tested with the AMD prototype in a study funded through grant U54AI065359 (DPA) and 1R41AI102482 (DPA and RLH) from the National Institute of Allergy and Infectious Diseases.

The analytical reactivity was 98.7% when tested against the *B. pseudomallei* isolates. Analytical specificity testing determined that 97.2% of *B. pseudomallei* near neighbor species were not reactive.

Ref: RL Houghton, DE Reed, MA Hubbard, MJ Dillon, H Chen, B Currie, M Mayo, DS Sarovich, V Theobald, D Limmathurotsakul, G Wongsuban, N Chantratita, S Peacock, A Hoffmaster, B Duval, P Brett, M Burnick, DP AuCoin. Development of a Prototype Lateral Flow Immunoassay (LFI) for the Rapid Diagnosis of Melioidosis. PLOS Mar 2014 Vol 8 Issue 3 e2727

Cultured Isolates	Positive by AMD	Negative by AMD
<i>B. pseudomallei</i>	76	1
Near neighbor species	1	35
Total	77	36

Melioidosis Detection Kits - For Research Use Only

AMD-RD	Active Melioidosis Detect Rapid Test, 25/Box
AMD-RDV	Active Melioidosis Detect Rapid Test, 25/Vial

Coming Soon: Dengue NS1/Melioidosis Rapid Test