IMMY

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ASPERGILLUS GM LATERAL FLOW ASSAY

test BENEFITS

- 30 minute run time
- Simplified procedure
- High sensitivity and specificity
- Serum & BAL Capable
- Eliminate batch testing

the PROBLEM

Over 30 million people are at risk of invasive aspergillosis each year because of corticosteroid use or other therapies, and over 300,000 patients develop it annually.

The disease is common in high-risk patients with:

- Hematological malignancies
- Chemotherapy-induced neutropenia
- Allogeneic HSCT (stem cell transplant)
- Solid organ transplant (primarily lung)

real VALUE

- Delivers accurate results in **30 minutes**, reducing time to proper treatment for patients.
- Test at-risk patients more frequently.
- Simplified procedure with minimal specimen preparation.
- Eliminate delays in diagnosis due to batch testing.

true PERFORMANCE

The **sōna** AGM LFA displays high performance in both specimen types:

Serum	Asp Ag EIA	
Asp GM LFA Assay	Pos	Neg
Pos	26	1
Neg	6	116

Serum	Calculated	95% CI
% Agreement Pos	81%	64% - 93%
% Agreement Neg	99%	95% - 99.9%

BAL	Asp Ag EIA	
Asp GM LFA Assay	Pos	Neg
Pos	25	3
Neg	3	48

BAL	Calculated	95% CI
% Agreement Pos	89%	72% - 98%
% Agreement Neg	94%	84% - 99%

simple PROCEDURE

sōna AGM*LFA*

SPECIMEN PREPARATION

Obtain 2 test tubes for each specimen: *1 screw cap, heat-resistant centrifuge tube for the dilution (tube 1)*
1 flat-bottom tube for running the test (tube 2)

RUN TEST

1. 

Transfer 300 µl specimen to the screw cap, heat-resistant centrifuge tube 1

2. 

Add 100 µl Sample Pretreatment Buffer to tube 1 *(vortex as needed)*

3. 

Place tube 1 on heat block for 6-8 minutes at 120° C

4. 

Centrifuge tube 1 at 10,000 - 14,000 x g for 5 minutes

5. 

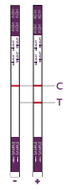
Transfer 80 µL from tube 1 to tube 2

6. 

Add 40 µL of Aspergillus GM LFA Running Buffer to tube 2

7. 

Insert strip (↓↓ down) Wait for **30 min.**

8. 

Read Test
1 line = negative
2 lines = positive