

IT'S ABOUT TIME

The sōna *Aspergillus* Galactomannan Lateral Flow Assay (*Aspergillus* GM LFA) is an immunochromatographic test system. When used in conjunction with other diagnostic procedures such as microbiological culture, histological examination of biopsy samples and radiographic evidence, can be used as an aid in the diagnosis of aspergillosis.



- 30 Minute test time
- Simplified procedure
- High sensitivity and specificity
- Serum & BAL specimens
- Elimination of batch testing

LATERAL FLOW ASSAY

SÕNA *ASPERGILLUS* GALACTOMANNAN

FUNGAL INFECTIONS IN COVID-19 PATIENTS

Patients with acute respiratory distress syndrome (ARDS) due to viral infection are at risk of secondary complications like invasive aspergillosis. In addition invasive ventilation, which is used extensively to care for coronavirus patients, has been strongly associated with increased risks of fungal infection.

These patients are already highly vulnerable, so if fungal infections can be quickly and correctly identified, rapid treatment can improve prognoses and survival rates.¹

1. Koehler, P et al. (2020), COVID-19 associated pulmonary aspergillosis. *Mycoses*. 2020;63:528–534

SIMPLE PROCEDURE

SPECIMEN PREPARATION

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

1



Transfer 300 µl specimen in 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

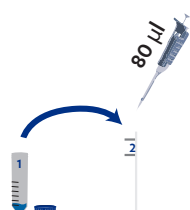
4



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

RUN TEST

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



ADDITIONAL FUNGAL ASSAYS

In addition to the *Aspergillus* Galactomannan LFA, Alpha laboratories provides tests for many other fungal pathogens, including *Cryptococcus* antigen and *Coccidioides* and *Blastomyces* antibody assays.

sona *Aspergillus* Galactomannan Lateral Flow Assay

Catalogue Number	Description	Pack Size
AF2003	sona <i>Aspergillus</i> Galactomannan LFA	50 Tests

Order now at www.alphalabs.co.uk/af2003

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