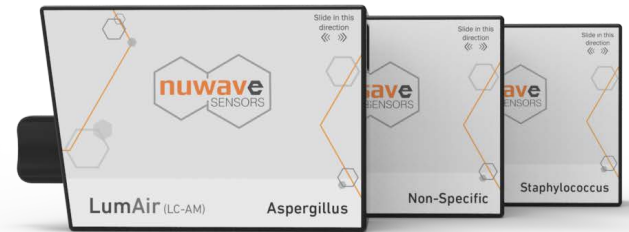


LumAir Cartridges

Aspergillus Mould Cartridge

LC-AM

Cartridge Data Sheet



INTENDED USE

Recommended for use when monitoring aflatoxin producing species of the *Aspergillus* genus of fungi

The cartridge uses *Aspergillus* Differentiation Agar, a selective agar that contains an antibiotic chloramphenicol and dichloran that inhibits most bacterial growth. AFPA base provides nutrients to encourage the growth of fungus and the isolation of *Aspergillus* species while also permitting the growth of other airborne fungal species. This allows general levels of fungal presence to be monitored simultaneously giving an overall indicator of room hygiene.

APPLICATIONS

Aspergillus cartridges may be placed in regular, unfiltered environments to monitor room hygiene in relation to airborne fungal growth.

INSTRUCTIONS FOR USE

Insert cartridge into the LumAir LU45 and press the button on the front of the unit to start operation. Please note the cartridge ID contained in the packaging and retain packaging for cartridge disposal.

For full instructions on loading / unloading cartridges please see instructions contained in the Cartridge Loading Guide. This guide can be accessed online at:
www.nuwavesensors.com/LU45/Downloads/cartridge_loading.pdf

IMPORTANT: You will need to enter the cartridge ID online in order to generate automated reports and other monitoring features.

SHELF LIFE AND OPERATIONAL LIFETIME

Storage Lifetime	3 weeks in refrigerated storage
Storage Temperature	36 – 46 °F (2 – 8 °C). Keep cartridges sealed in foil package until use.
Operational Lifetime	2 weeks continuous use. Once detection occurs the operational cycle of the cartridge is terminated

WARNINGS AND PRECAUTIONS

1. Storing cartridges above 70 °F (21 °C) will severely diminish lifetime, and is discouraged for all cartridge types. Cartridges stored improperly may lead to erratic sensor outputs.
2. This product is for use with the LumAir LU45 system, use with any other pathogen detection systems is not advised.
3. Open immediately before use.
4. Opening when not for immediate use, mishandling, or damage to the cartridge may result in false results and inaccurate monitoring.
5. If packaging or cartridge is damaged in any way upon opening, please dispose of cartridge as below.

DISPOSAL

To remove and dispose of cartridges;

1. Wear personal protective equipment.
2. Spray gloves with sanitizer.
3. Dispose of infected cartridges immediately upon removal from the sensor unit to the supplied biohazard bag.
4. Sanitize the area around the LumAir LU45 unit.
5. Remove gloves aseptically disposing to the biohazard bag.
6. Dispose of the biohazard bag in your facilities biohazard waste disposal.

Improper disposal of infected cartridges may lead to serious contamination of cartridge specific pathogens, possibly leading to severe health issues. Dispose of Biohazardous waste as per requirements according to local, state and federal regulations.

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ORDERING INFORMATION

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