



2-Color Aspergillus qPCR Detection Kits

- Rapid and accurate test to determine the presence of aspergillus DNA
- Kit uses qPCR to measure total amount of common aspergillus strains



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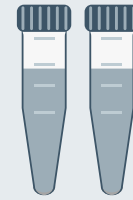


2-Color Aspergillus qPCR Detection Kits

This kit provides a rapid and accurate test to determine the presence of *Aspergillus* DNA in a sample. The kit uses quantitative PCR (qPCR) to measure the total amount of the four most common strains of *Aspergillus*: *niger*, *fumigatus*, *flavus* and *terrus*. Probes for the four strains of the *Aspergillus* are labeled with the FAM dye, and an internal control is labeled with HEX / VIC. The internal control ensures the sample is free of PCR inhibitors that would lead to false negative results. To help distinguish the Master Mix from the template DNA and from the final product during sample preparation, an inert yellow dye is provided to label the template prior to adding to the Master Mix which contains an inert blue dye. When mixed the resulting solution is green, confirming the presence of all components. The kit works with any qPCR system that supports the two color channels. It is very sensitive and can detect down to 10 copies of *Aspergillus* DNA.

Specifications

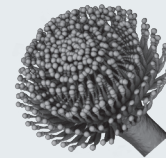
Components:	MasterMix, Positive Control, Internal Control, Yellow Dye, ROX, Water
Matrix:	Aqueous
Volume:	Master Mix: 2.5 mL, Positive Control: 0.12 mL, Internal Control: 0.25 mL, Yellow Dye: 1 mL, Water: 2 mL
Grade:	Autoclaved Molecular Biology Grade Water (DNase/RNase/Protease Free)
Storage Conditions:	- 20 °C
Shipping Conditions:	Styrofoam containers for thermal insulation and ice packs
Dimensions (L x W x H):	6.5 in x 3.1 in x 0.6 in (16.5 cm x 8 cm x 1.5 cm)
Weight:	0.09 lb (40 g)



qPCR detection kit



Determine the presence of aspergillus DNA



Detect down to 10 copies of aspergillus DNA



Supplied with a Certificate of Analysis

2-Color Aspergillus qPCR Detection Kits

Ordering Information

Detection Kits	
Description	Part #
2-color Aspergillus detection kit (Aspergillus niger, Aspergillus flavus, Aspergillus terreus, Aspergillus fumigatus (FAM); Internal control (HEX/VIC)) – 250 reactions	ASPKIT-2-250
2-color Aspergillus detection kit (Aspergillus niger, Aspergillus flavus, Aspergillus terreus, Aspergillus fumigatus (FAM); Internal control (HEX/VIC)) – 500 reactions	ASPKIT-2-500
2-color Aspergillus detection kit (Aspergillus niger, Aspergillus flavus, Aspergillus terreus, Aspergillus fumigatus (FAM); Internal control (HEX/VIC)) – 1000 reactions	ASPKIT-2-1000
2-color Aspergillus detection kit (Aspergillus niger, Aspergillus flavus, Aspergillus terreus, Aspergillus fumigatus (FAM); Internal control (HEX/VIC)) – 2000 reactions	ASPKIT-2-2000

Related Products

Description	Part #
Mycotoxins Standards Mix at 10 µg/mL in Acetonitrile, 1 mL Mix includes: Aflatoxin B1, Aflatoxin B2, Aflatoxin G1, Aflatoxin G2, Ochratoxin A	MYCO-1
PCRmax Eco 48 Real Time PCR System Allows for simple multiplex analysis with up to four dyes at once	93947-00
DNA Isolation Kit for Animal Tissue, 75 reactions	2401M
DNA Isolation Kit for Animal Tissue with Stabilization Buffer, 75 reactions	2401MS
DNA Isolation Kit for Soft Plant Tissue, 75 reactions	2402P
DNA Isolation Kit for Tough Plant Tissue, 75 reactions	2402PT

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