

Accurate, On-the-Spot Results

VICAM's **AflaCheck™** is a qualitative one-step test kit for the detection of aflatoxin. Aflatoxin is a Group 1 carcinogen proven to cause cancer in humans. In the United States and abroad, aflatoxin levels in food and grain are subject to strict regulations. The European Union has established regulations for aflatoxin in groundnuts; tree nuts, such as almonds and pistachios; dried fruits; spices; and cereals. The U.S. Food and Drug Administration has instituted maximum levels for aflatoxin in many commodities, including grains and groundnuts.

AflaCheck Test Strips provide fast, accurate, on-the-spot results for the presence of aflatoxin at detection levels of either 10 ppb or 20 ppb. **AflaCheck** offers the option of two testing procedures to meet your specific needs.

AflaCheck is easy to use and provides reliable results in as little as 3 minutes, works in the field or in the lab, and doesn't require the use of expensive equipment. Simply dip the test strip into the sample and read results. Used alone, or in conjunction with VICAM quantitative immunoaffinity columns, **AflaCheck** is an ideal first step for detecting aflatoxin contamination.



BENEFITS

Fast – Results in as little as 3 minutes*

Simple – No special training or equipment required

Accurate – Detects the presence of aflatoxin at levels of 10 ppb or 20 ppb

Convenient – Can be performed anywhere with a variety of samples

Durable – Long shelf life, no refrigeration required

Economical – Inexpensive first step in your testing protocol

Versatile – Choice of two cut off procedures; 10 ppb and 20 ppb

USING AFLACHECK IS EASY AND RELIABLE:

1 **EXTRACT** sample with methanol and water.

2 **DILUTE** the extract with water.

3 **INSERT** test strip into diluted extract.

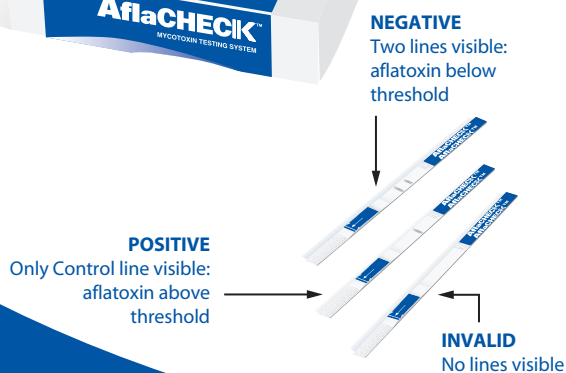
4 **INTERPRET** results visually.

– Appearance of both test line and control line means aflatoxin level is below the test cutoff.

– Appearance of the control line alone means aflatoxin level is above the test threshold.

– No visible control line means test is invalid.

* Excluding sample preparation and extraction



VICAM®

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Ordering Information

Cat. No.	Description
100000173	<i>AflaCheck™</i> Test Kit (25 Tests)
100000175	<i>AflaCheck</i> Vial (contains 25 <i>AflaCheck</i> Test Strips)
600000812	Strip Test Pipettor (25 per bag)
600000813	Strip Test Dilution Tube (25 per bag)
600000827	40 mL Extraction Tube (25 per bag)
G4047	10 mL Graduated Cylinder
G4036	Digital Timer

Also required; must be sourced locally:

ACS Reagent-Grade Methanol
Distilled Water

Subject to change without notice.

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The analytical methods presented in this data sheet have been researched and developed by VICAM to be used exclusively with *AflaCheck™* products. These analytical methods have been validated in the VICAM laboratories to perform to the specifications indicated in the *AflaCheck* procedures.

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