Total Aflatoxin Colloidal Gold Test Cassette  
(DTSJYJ078)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

<table>
<thead>
<tr>
<th>Size</th>
<th>25T</th>
</tr>
</thead>
</table>

**Intended Use**

The Total Aflatoxin Colloidal Gold Test Cassette is a lateral flow immunoassay for the detection of total aflatoxin in some drinks, nut and feed.

**General Description**

Aflatoxin is a toxic substance produced by certain strains of the molds Aspergillus flavus and A. parasiticus. Aflatoxins belong to the strongest natural occurring cancerogenic substances. There are four principle types of aflatoxin in grain and nuts: B1, B2, G1 and G2. The foodstuffs most affected by aflatoxin are corn, peanuts, cotton seed, milk, and the majority of tree nuts. The Total Aflatoxin Colloidal Gold Test Cassette is a lateral flow immunoassay for the detection of total aflatoxin in some drinks, nuts and feed.

**Principles of Testing**

Aflatoxins antigen is coated on the test region of the nitrocellulose membrane of the strips, and aflatoxins antibody is labeled with colloid gold. During a test, the colloid gold labeled antibody coated in the strip move forward along the membrane, and a red line will show up when the antibody gathers with the antigen in the test line; if aflatoxins in the sample is over the detection limit, line T is blank; on the other wise, if aflatoxins in the sample is less than the detection limit, line T is red.

**Sensitivity**

|         | Drinks (walnut milk, ginkgo dew, ect.): 1 ppb; Milk: 0.5 ppb; Nuts/Feed (corn, peanut, ect.): 2 ppb |

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221
© Creative Diagnostics All Rights Reserved