CDIA™ Carbendazim Colloidal Gold Test Cassette, Agricultural Products

Cat. No. : DTSJYJ100

Pkg.Size : 25T

Intended Use

The CDIA™ Carbendazim Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of carbendazim in agricultural products.

General Description

Carbendazim is a widely used, broad-spectrum benzimidazole fungicide and a metabolite of benomyl. The fungicide is used to control plant diseases in cereals and fruits, including citrus, bananas, strawberries, pineapples, and pomes. Studies have found high doses of carbendazim cause infertility and destroy the testicles of laboratory animals. The CDIA™ Carbendazim Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of carbendazim in agricultural products.

Principle Of The Test

Carbendazim antigen is coated on the test region of the nitrocellulose membrane of the strips, and carbendazim 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. Carbendazim in sample will inhibit the binding of the colloid gold labeled antibody and the antigen in the test line.

Sample

Agricultural Products

Test Format

Kit

Sensitivity

Qualitative: 500 ppb