CDIA™ Carbofuran Colloidal Gold Test Cassette, Agricultural Products

*Cat. No. : DTSJYJ107*

*Pkg. Size : 25T*

**Intended Use**

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

**General Description**

Carbofuran, is a systemic N-methylcarbamate pesticide with predominant contact and stomach action. It is an important insecticide to control soil-dwelling and foliar-feeding insects, spider mites, and nematodes in vegetables, ornamentals, and agronomic crops such as maize, sorghum, alfalfa, peanuts, and potatoes. Carbofuran is a potent cholinesterase inhibitor with high acute toxicity to bees, birds, and fish. The CDIA™ Carbofuran Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of carbofuran in agricultural products.

**Principle Of The Test**

Carbofuran antigen is coated on the test region of the nitrocellulose membrane of the strips, and carbofuran 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. Carbofuran 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: 20 ppb