**CDIATM Pyrethroids Colloidal Gold Test Cassette, Agricultural Products**

*Cat. No. : DTSJYJ110*

*Pkg.Size : 25T*

**Intended Use**

The CDIATM Pyrethroids Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of pyrethroids in agricultural products.

**General Description**

A pyrethroid is an organic compound similar to the natural pyrethrins produced by the flowers of pyrethrums. Pyrethroids constitute the majority of commercial household insecticides. The CDIATM Pyrethroids Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of pyrethroids in agricultural products.

**Principle Of The Test**

Pyrethroids antigen is coated on the test region of the nitrocellulose membrane of the strips, and pyrethroids 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 linee. Pyrethroids 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: Cypermethrin, 0.2 ppm; Fenvalerate, 1 ppm; Fenpropathrin, 0.5 ppm; Bifenthrin, 5 ppm