**CDIA™ Chlorpyrifos Colloidal Gold Test Cassette, Agricultural Products**

*Cat. No.: DTSJYJ103*

*Pkg. Size: 25T*

**Intended Use**

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

**General Description**

Chlorpyrifos is a broad spectrum organophosphorus insecticide that is widely used in agriculture and indoor disinestation. It is moderately toxic to mammalian species, but extremely toxic to bees and a wide range of aquatic species. Due to its widespread use in agriculture, a high chlorpyrifos residue occurrence in food has been reported, which poses potential health hazards. The CDIA™ Chlorpyrifos Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of chlorpyrifos in agricultural products.

**Principle Of The Test**

Chlorpyrifos antigen is coated on the test region of the nitrocellulose membrane of the strips, and chlorpyrifos 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. Chlorpyrifos 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