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

*Cat. No.: DTSJYJ104  
Pkg. Size: 25T*

### Intended Use

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

### General Description

Acetochlor is a preemergent or early postemergent herbicide of selective action in maize. Applied to the soil or to plant surfaces, this systemic herbicide is translocated within the plant. Similarly to other chloroacetanilide herbicides, acetochlor also was found to be decomposed to a wide range of metabolites depending on metabolizing organisms and conditions. The CDIA™ Acetochlor Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of acetochlor in agricultural products.

### Principle Of The Test

Acetochlor antigen is coated on the test region of the nitrocellulose membrane of the strips, and acetochlor 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. Acetochlor 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: 300 ppb