CDIA™ Carbaryl Colloidal Gold Test Cassette, Agricultural Products

Intended Use

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

General Description

Carbaryl is a chemical in the carbamate family used chiefly as an insecticide. Carbaryl is a cholinesterase inhibitor and is toxic to humans. It is classified as a likely human carcinogen by the United States Environmental Protection Agency. The CDIA™ Carbaryl Colloidal Gold Test Cassette (Agricultural Products) is a lateral flow immunoassay for the detection of carbaryl in agricultural products.

Principle Of The Test

Carbaryl antigen is coated on the test region of the nitrocellulose membrane of the strips, and carbaryl 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. Carbaryl 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: 200 ppb