

Bt Cry1Ac/Cry1Ab ELISA Kit

1 kit containing sufficient reagents for 96 tests. Monoclonal antibodies against Cry1Ac/Cry1Ab endotoxin are pre-coated to microtiter wells.

The assay range is between 0.25 and 2.0 ng/mL. This assay allows the determination of Bt Cry1Ac/Cry1Ab endotoxin expressed in genetically modified plants.

Description

A non-competitive "sandwich" ELISA for the detection and quantification of Bt Cry1Ac/Cry1Ab (MON810, Bt11, Bt176) endotoxin residues in corn tissues, cotton leaf tissues, and bulk corn grain. The total incubation time is approximately 120 minutes. Incubations are performed at room temperature. The stopped reaction is read at 450nm.

Specificity

The antibody employed in this assay detects the presence of Cry1Ac/Cry1Ab as well as other Bt endotoxin to differing degrees.

Applications

The kit is used as an analytical tool to determine the amount of Bt Cry1Ac/Cry1Ab endotoxin expressed in genetically modified plants. Can be used as a quantitative, semi-quantitative or qualitative test, depending on protocol selected.

Kit Format

Microtiter plate format, 96 wells.

Biosense also offers antibodies and standards

Purified Bt Cry protein Antibody pairs available against Cry1Ab, Cry1Ac, Cry1F, Cry2A, Cry3B, and Cry9C.

Bt proteins to be used for ELISA standards are available: Cry1Ab, Cry1Ac, Cry1F, Cry2A, Cry3B, and Cry9C.

Please contact us at biosense@biosense for further information.

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