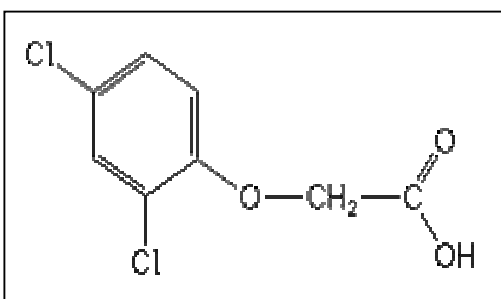


ELISA Kit for 2,4-D

Intended Use

Competitive enzyme immunoassay for the quantitative analysis of 2,4-D residues in water.

General Information



2,4-Dichlorophenoxyacetic acid (2,4-D) is a selective herbicide used to control broadleaf weeds. 2,4-D is the first successful herbicide developed (1942). It is the third most widely used herbicide in the United States and Canada and the most widely used herbicide worldwide. The chemical structure of 2,4-D resembles indoleacetic acid, a natural occurring hormone produced by plants to regulate their own growth. 2,4-D controls plant growth by triggering reactions in plant cells that affect critical cell functions and cell growth, leading

to plant death. The US EPA sets the maximum level of 2,4-D that is allowed in public drinking supplies. The maximum contaminant level (MCL) for 2,4-D is set at no more than 70 ppb.

This ELISA test kit detects 2,4-D and related phenoxyacetic acid herbicides in environment samples at the ppb levels.

Specifications

Microtiter Plate Format:	96 Tests
Assay Range:	2.0- 100 (ppb)
Incubation time:	90 minutes
Standards:	0 / 2.0 / 10 / 100 ppb
Measurement:	450 nm

Kit Formats Available

2,4-D ELISA Kit (Microtiter Plate format, 96T) PN 54003B

Related Products

2,4-D Coated Tube ELISA Kit (40T) PN 54004B

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