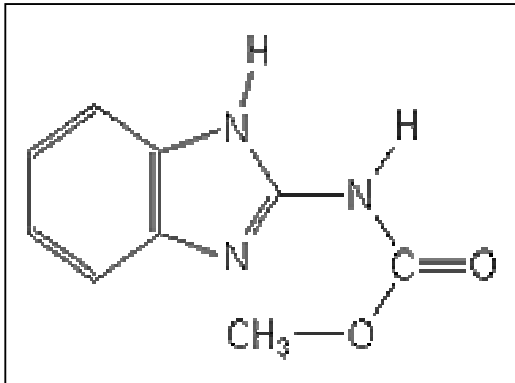


ELISA Kit for *Carbendazim/Benomyl*

Intended Use

Competitive enzyme immunoassay for the quantitative analysis of carbendazim residues in water.

General Information



Carbendazim is a systemic fungicide with protective and curative action and absorbed through the roots and green tissue of plants. Carbendazim acts by inhibiting the development of germ tubes, the formation of aspersoria, and the growth of mycelia. Carbendazim itself is used as a fungicide and it is also a metabolite of other fungicides such as benomyl. It is used world wide on several crops (tobacco, fruit, vegetables, cereals, etc.) to control fungi that can lead to plant disease. Carbendazim inhibits the polymerization of free tubulin molecules, by binding an arginine residue of the beta-tubulin subunit. Carbendazim is also used as a fungicide in paint, paper and wood.

This ELISA test kit detects carbendazim and benomyl in environment samples at the ppt levels.

Specifications

| | |
|---------------------------------|--------------------------|
| Microtiter Plate Format: | 96 Tests |
| Assay Range: | 0.05 – 1.0 (ppb) |
| Incubation time: | 90 minutes |
| Standards: | 0 / 0.05 / 0.2 / 1.0 ppb |
| Measurement: | 450 nm |

Kit Formats Available

Carbendazim/Benomyl ELISA Kit (Microtiter Plate format, 96T) PN 54002B

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