

Organophosphorus Pesticide Residue Assay Kit

Organophosphorus Pesticide Residue Test Kit

CATALOG #
AAA55485

REACTIVITY
Organophosphorus

PRODUCT SYNONYMS

Organophosphorus Pesticide Residue; Organophosphorus Pesticide Residue Test Kit; Organophosphorus Pesticide Residue assay kit

PRODUCT SPECIFICATIONS

Reactivity	Organophosphorus
Samples	vegetable, fruit

ADDITIONAL INFORMATION

Related Product Information for Organophosphorus Pesticide Residue assay kit

Principle of the Assay: The catalytic ability of Cholinesterase has a positive correlation with its activity, while the pesticides of the vegetable has an inhibitory effect on the enzyme activity. And the extent of inhibition has a linear correlation with the toxicity of pesticide residue in a certain range. After enzyme catalysis decomposed, the decomposition instantaneously reacts with color agent, quantitatively generates yellow compound. The color shade of the solution has a negative correlation with the pesticide residue.

Intended Uses: Residues of organophosphorus and carbamate pesticides in vegetable, fruit, water and so on.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/assay-kits/organophosphorus-pesticide-residue/55485>