



Triple Quadrupole LC/MS Pesticide Application Kit

Quickly and efficiently implement target screening methods



Minimize the need for tedious manual method development with pretested methods and a Dynamic MRM database

Analyzing pesticide residues in food and environmental samples is challenging. Large numbers of compounds, many at low concentrations, must be monitored and quantitated. To complicate matters, method development is labor-intensive and time-consuming, due to compound-dependent parameters that must be optimized.

A faster, easier way to develop customized screening methods

Agilent's Pesticide Screening Dynamic MRM Application Kit is truly unique, because much of the development work has already been completed. The kit features easy-to-use examples that show you how to set up screening methods and quickly adapt them to your specific needs. It also includes:

- **A more than 750-Pesticides Dynamic MRM database** that includes compound names, MRM transitions, fragmentor voltages, collision energies, and retention times for each database compound for reliable pesticide screening.
- **Pretested analysis methods**, using the Dynamic MRM database, are provided for target screening of pesticides that are routinely monitored around the world.

The following components are included – saving you time and money:

- Pesticide Dynamic MRM database
- Positive and negative ion pesticide test mixes
- Agilent ZORBAX Eclipse Plus C18 column (2.1 mm × 50 mm × 1.8 μm)
- Free-trial QuEChERS sample preparation kit
- Quick-start guide and Application Note that show you how to run the test mixes and create dynamic MRM methods
- CD-ROM with examples of screening methods, data files, and reports



Our measure is your success.



Quickly establish screening methods for complex matrices using these leading-edge technologies



A more than 750-compound Pesticide Dynamic MRM database and Agilent MassHunter Data Acquisition and Analysis software let you quickly generate acquisition and analysis methods, which can be easily modified to meet your future needs.



The Agilent 1200 Series SL Rapid Resolution LC, interfaced with Agilent's 6400 Series Triple Quadrupole LC/MS System delivers fast, high-resolution LC/MS/MS analysis.



Agilent's Jet Stream Electro spray lowers detection levels of pesticides in complex matrices.



Dynamic MRM maximizes the Quadrupole's compound capacity – without sacrificing sensitivity – when hundreds of residues are being analyzed at femtomole concentrations.



Agilent SampliQ QuEChERS sample preparation kits make it quick and easy to extract pesticide residues from complex food matrices.

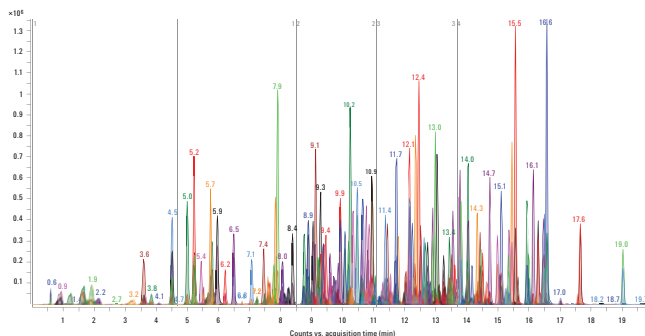
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Pre-developed examples help you start screening for pesticides in a fraction of time



Faster identification and quantification of pesticides monitored worldwide: Here, a 300-compound pesticide mixture was analyzed using the Agilent 1200 SL Series RRLC and 6460 Triple Quad with Jet Stream Technology.

Compound Name	Group	Formula	Nominal Mass	Vial Number	Project Name
Mandipropamid	Fungicide	C23H22O5	412.12	Vial 1	DefaultProject
Coumatral	Acaricide	C14H16O5	262.01	Vial 1	DefaultProject
Diflufenican	Herbicide	C19H19N2O2	334.07	Vial 1	DefaultProject
Phosphamidon	Insecticide	C10H19NO2P	239.07	Vial 1	DefaultProject
Propoxur	Acaricide	C11H15NO2	203.11	Vial 1	DefaultProject
Tepralzin	Fungicide	C9H7N3	189.04	Vial 1	DefaultProject
Substanz	Insecticide	C12H13O2P2	322.03	Vial 1	DefaultProject
Hexafluoruron	Insecticide	C10H9F6O2	409.98	Vial 1	DefaultProject
Azinphos	Herbicide	C14H20N2O2	268.12	Vial 1	DefaultProject

With over 750 entries, Agilent's Pesticide Dynamic MRM database ensures fast, customized method development.

Ordering information: Agilent's LC/MS Pesticide Application Kit (G1733AA)

The following are required but not included with the G1733AA kit:

- Agilent 1200 Series Rapid Resolution LC System or Agilent 1290 Infinity LC
- Agilent 6400 Series Triple Quadrupole LC/MS system



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