

SIMPLIFY YOUR STARTUP FOR UNTARGETED VETERINARY DRUG SCREENING

TOF and Q-TOF LC/MS Veterinary Drug Application Kit

The Measure of Confidence



Agilent LC/MS Application Kits

Screen samples quickly and easily using pretested methods and a Veterinary Drug Accurate Mass Database and Library

Conventional multi-target veterinary drug screening methods are based upon triple quadrupole technology. However, these methods are limited to target compounds, and do not allow a retrospective analysis of collected data.

Packaging sensitive, high-performance TOF and Q-TOF instruments with Veterinary Drug LC/MS Application Kits overcomes this limitation. Each user-friendly Application Kit combines pretested analysis methods with powerful software tools that, together, simplify the setup of screening applications. This enables even high-volume labs to perform truly comprehensive screening for large numbers of both target and non-target compounds.

Capture all the data, all the time

Using TOF or Q-TOF technology for your screening of veterinary drugs allows you to retain all spectral data, not just your original range of interest. That means you can refer back to your data anytime to investigate samples further – without reruns.

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

- Agilent 1,000-compound Veterinary Drug Accurate Mass Personal Compound Database (PCD) or Accurate Mass MS/MS Personal Compound Database and Library (PCDL) with more than 600 Accurate Mass MS/MS spectra
- Comprehensive Veterinary Drug test mix with more than 140 compounds
- Agilent LC columns ideally suited for Rapid Resolution Liquid Chromatography (RRLC) and Ultra High Pressure Liquid Chromatography (UHPLC) methods
- Quick-start guide and Application Note that show you how to run the test mixes and create screening methods
- CD-ROM with examples of easy-to-use screening methods, data files, and reports that demonstrate method setup and adaptation
- On site application-based training to assist with method setup for quick and effective startup



Agilent Technologies

Leading-edge technologies deliver speed, sensitivity, and powerful data mining tools that make broad screening accessible to your lab



A Veterinary Drug PCD or PCDL and Agilent MassHunter Data Acquisition and Analysis software let you quickly implement high quality screening methods, which can be modified to meet your future needs.



Industry-leading RRLC and UHPLC separations that enhance your results and productivity.



Agilent's Jet Stream Electrospray Ion Source lowers detection levels of veterinary drugs in complex matrices.



Best-in-class MS and MS/MS mass accuracy; our TOF and Q-TOF Full Scan capability lets you access all the data, all the time, opening up endless possibilities for screening multiple analytes and non-target compounds.

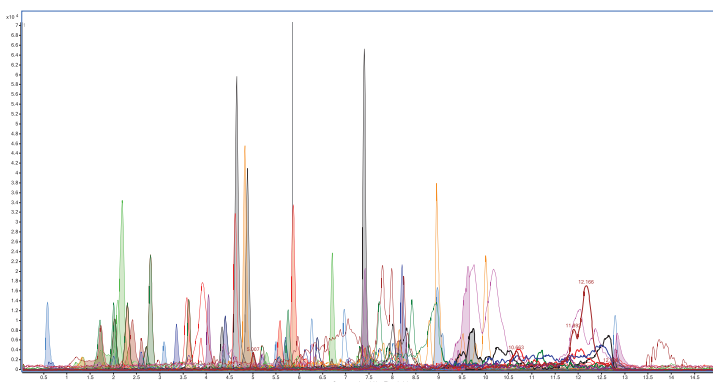
Put your lab on the productivity fast track.

Contact your local Agilent Representative
or Agilent Authorized Distributor

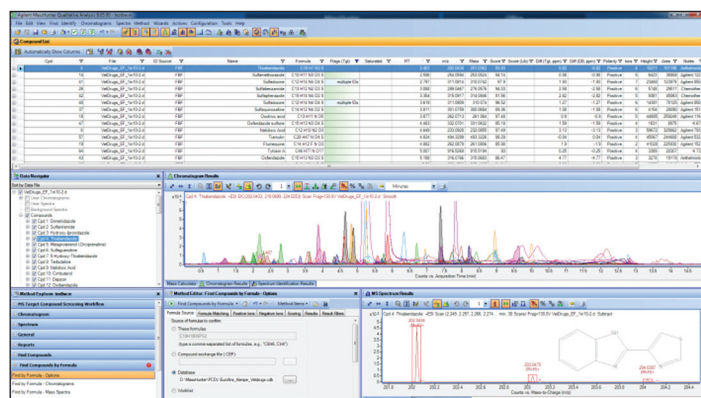
Call **800-227-9770** (in the U.S. or Canada) or visit
www.agilent.com/chem/appkits

Pre-developed examples help you implement your screening method in a fraction of the time

To demonstrate its functionality, Agilent's TOF and Q-TOF Veterinary Drug Application Kits include a comprehensive test mix for both positive and negative ion modes. A general veterinary drug screening method example is also provided.



This extracted compound chromatogram was generated using the LC/MS Veterinary Drug checkout test mix.



Agilent's **Veterinary Drug PCD and PCDL** ensure fast, customized method development. The screen above gives an example of batch summary results with retention times updated.

Ordering information:

Agilent's TOF and Q-TOF LC/MS Veterinary Drug Application Kits:

- Veterinary Drug PCD Kit for TOF or Q-TOF (G6856AA)
- Veterinary Drug PCDL Kit for Q-TOF (G3879AA)

The following are required but not included with the G6856AA or G3879AA kits:

- Agilent 1200 Series RRLC System or Agilent 1290 Infinity LC
- Agilent 6200 Series TOF or 6500 Series Q-TOF LC/MS system
- Agilent MassHunter Software B.05 or higher and Windows 7 64-Bit
- Agilent MassHunter Qualitative Analysis Software B.05 or higher
- Agilent MassHunter Quantitative Analysis Software B.05.02 or higher



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