SIMPLIFY YOUR STARTUP
FOR TARGETED VETERINARY DRUG SCREENING
QQQ LC/MS Veterinary Drug Application Kit

Agilent LC/MS Application Kits

Minimize the need for tedious manual method development with pretested methods and a triggered MRM (tMRM) database and library

Analyzing veterinary drug compounds is challenging for two reasons: low concentrations in difficult matrices and a large number of analytes to be monitored and quantified. With so many variables to consider, it can be difficult to find a solid starting point for method development.

A faster, easier way to develop customized screening methods

Agilent’s Veterinary Drug Screening tMRM 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 tMRM database and library for more than six hundred Veterinary Drug compounds that includes compound names, up to 10 MRM transitions, fragmentor voltages, collision energies, and the ability to add retention times for each database compound for reliable forensic screening with tMRM library verification.

• Pretested analytical methods, using the tMRM database and library, are provided for target screening of analytes that are routinely monitored around the world.

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

• Agilent’s 600-compound Veterinary Drug tMRM database with reference tMRM library spectra for more than 100 compounds
• Comprehensive standard 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 tMRM methods
• CD-ROM with examples of screening methods, data files, and reports
• On site application-based training to assist with method setup for quick and effective startup
Quickly establish screening methods for complex matrices using these leading-edge technologies

A tMRM database and library 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 RRLC, interfaced with Agilent’s 6400 Series Triple Quadrupole LC/MS System delivers fast, high-resolution LC/MS/MS analysis.

Agilent’s Jet Stream Electrospray lowers detection levels of veterinary drugs in complex matrices.

tMRM acquisition generates a library-searchable tMRM spectrum for each compound present to increase confidence in compound identification and quantitation, while avoiding false positive results.

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

A typical tMRM spectrum is shown here.

Agilent’s tMRM acquisition software and Veterinary Drug tMRM database and library ensure fast method implementation for targeted veterinary drug screening with compound verification.

Ordering information:
Agilent’s QQQ LC/MS Veterinary Drug Application Kit (G1735AA)

The following are required but not included with the G1735AA kit:
• Agilent 1200 Series RRLC System or Agilent 1290 Infinity LC
• Agilent 6400 Series Triple Quadrupole LC/MS system
• Agilent MassHunter Acquisition Software B.06 or higher
• Agilent MassHunter Qualitative Analysis Software B.06 or higher
• Agilent MassHunter Quantitative Analysis Software B.05.02 or higher