



**Thermo Scientific Endura MD
Mass Spectrometer**
LC-MS for In Vitro Diagnostic Use

Confidence in Results

With Sensitivity and Quantitative Accuracy

Thermo
SCIENTIFIC

Make the World Healthier

With the LC-MS Tests You Run



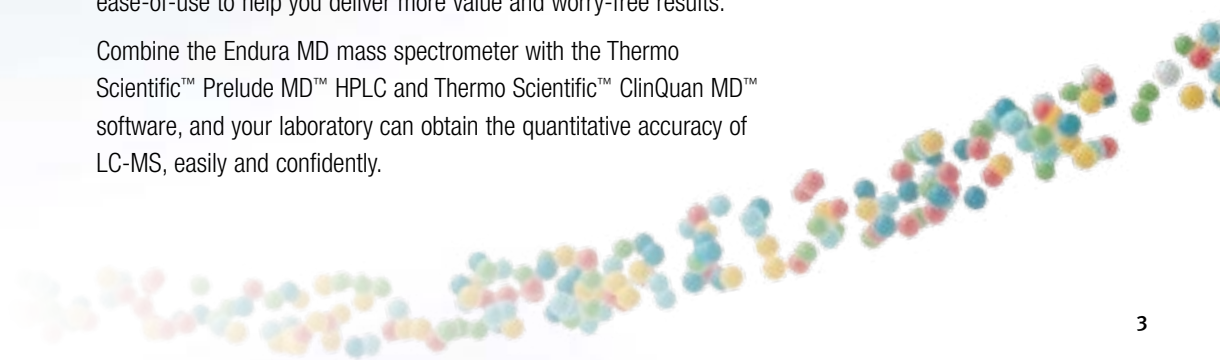


Be Confident in Your Test Results

Your busy clinical laboratory must quickly and cost-effectively deliver accurate test results to the healthcare providers you serve. Quantitative results for your numerous laboratory-developed tests must be fast, accurate, and reproducible. And you must be confident in these tests, even when presented with low-concentration, limited-volume samples.

The Thermo Scientific™ Endura MD™ mass spectrometer is a Class I medical device for in vitro diagnostic use designed to help you meet these demands confidently, day after day. It combines excellent quantitative performance, sensitivity, and robustness with built-in ease-of-use to help you deliver more value and worry-free results.

Combine the Endura MD mass spectrometer with the Thermo Scientific™ Prelude MD™ HPLC and Thermo Scientific™ ClinQuan MD™ software, and your laboratory can obtain the quantitative accuracy of LC-MS, easily and confidently.

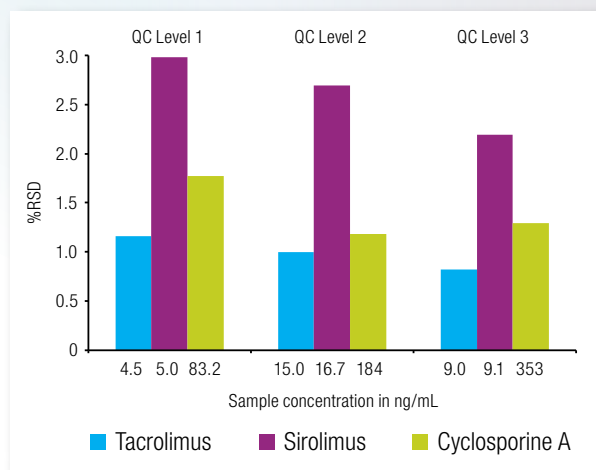


Access the Quantitative Accuracy of LC-MS Easily and Confidently

Quantitate Low-level Samples Accurately

To ensure accurate quantitation of limited-volume, low-concentration samples, the Endura MD mass spectrometer delivers high sensitivity even when analyzing complex matrices. Designed to reduce noise and increase sensitivity, the ion optics stay clean longer for more consistent results. This triple-quadrupole mass spectrometer with ultrafast selected reaction monitoring (SRM) increases the speed of analysis without sacrificing quantitative accuracy. Five orders of linear dynamic range further boost confidence in results.

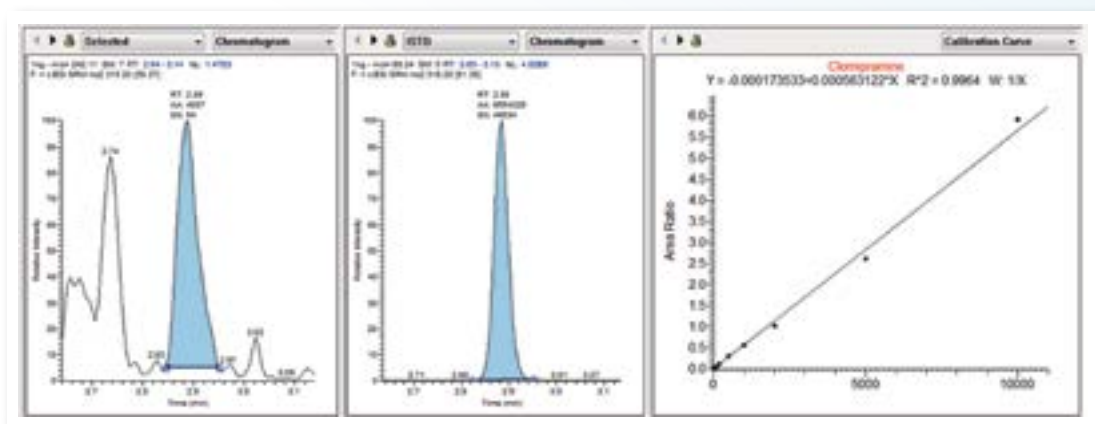
Less than 3% RSDs obtained for five injections of three different QC samples show excellent precision across a range of concentrations of tacrolimus, sirolimus and cyclosporine A.

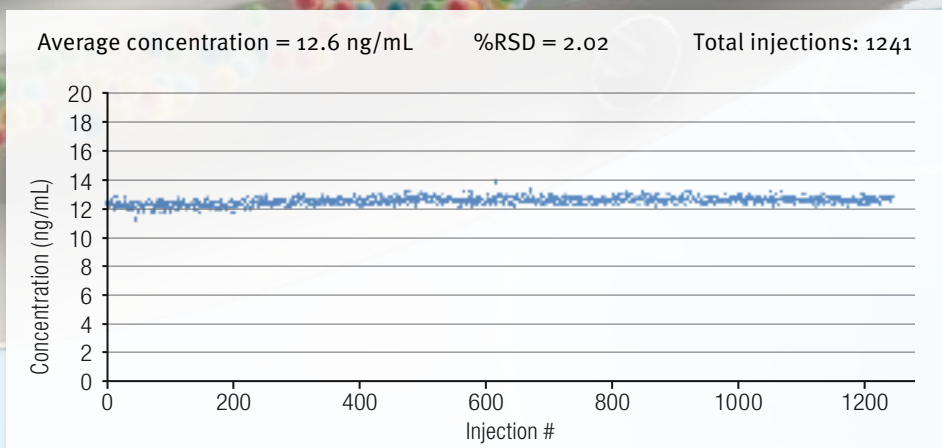


Run Samples Reliably Day After Day

Robust and reliable, the Endura MD mass spectrometer is designed to run numerous samples day after day. To provide consistent performance, the ion source exhaust removes more solvent vapor, the neutral blocker keeps the ion optics cleaner, and the advanced electronics maintain mass accuracy and stability longer.

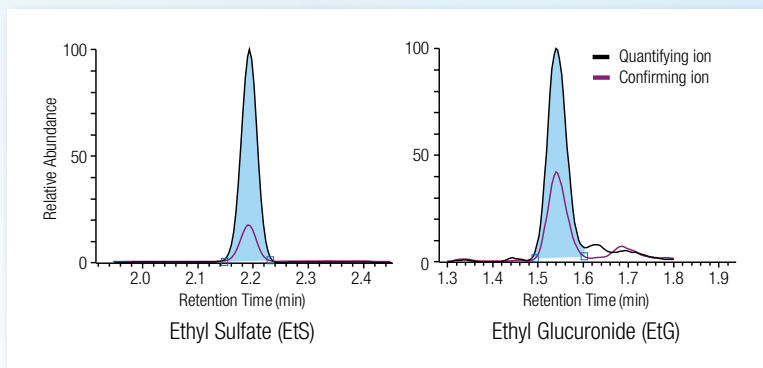
Analysis of a clomipramine standard spiked in human plasma at a LOQ of 1 ng/mL showing quantifying ion, internal standard ion, and calibration curve.





Over 1200 injections of alprazolam standard spiked in crashed synthetic serum demonstrate excellent stability.

The Endura MD mass spectrometer provides sensitive analysis of ethyl sulfate and ethyl glucuronide standards spiked in urine.



Use the Instrument Quickly and Easily

Operators can be quickly trained to run the instrument and to obtain accurate results. Designed for user-friendly set up and operation, the Thermo Scientific™ Easy-Max NG™ ion source makes most gas and electrical connections automatically when installed.

To increase the range of target compounds that can be analyzed, the instrument accommodates both heated electrospray ionization (HESI) and atmospheric pressure chemical ionization (APCI) probes, which can be operated in either positive or negative ion modes. The probes can be swapped quickly without tools.

Confidence in Results

Achieve greater productivity and confidence when providing laboratory-developed test results to the healthcare professionals you serve. Thermo Scientific high-performance Class I medical devices for in vitro diagnostic use—Prelude MD HPLC, Endura MD mass spectrometer, and ClinQuan MD software—help you deliver LC-MS results easily, quickly, and with more confidence.

ClinQuan MD Software

Designed to streamline laboratory workflows, ClinQuan MD software features a user-friendly interface and three-tiered access to software functions with permission levels for technicians, supervisors and directors as required by the Clinical Laboratory Improvement Amendments of 1988 (CLIA). Audit trails streamline record-keeping and help ensure the integrity of results.



Prelude MD HPLC

Built to make LC-MS easier, the Prelude MD HPLC automates sample cleanup using Thermo Scientific™ TurboFlow™ technology. TurboFlow technology greatly reduces complicated manual sample cleanup steps and variability, so you can be more confident in results. To maximize sample throughput, the HPLC features two parallel channels that can run identical or different methods at the same time.

Endura MD Mass Spectrometer

The Endura MD mass spectrometer combines usability, excellent quantitative performance, sensitivity, and robustness to deliver high-confidence LC-MS results day after day. The instrument features accurate, reliable quantitation and stable performance for the analysis of even small-volume and low-concentration samples.

Thermo Scientific products enable you to make the world healthier, cleaner and safer with the LC-MS tests you run.



For in vitro diagnostic use. Not available in all countries.
Please visit www.thermoscientific.com/enduraMD
For complete product line information visit www.thermoscientific.com

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For in vitro diagnostic use.
Not available in all countries.



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