

# A NEW DIMENSION OF DISCOVERY

The Measure of Confidence

## Introducing The Agilent 6560 Ion Mobility Q-TOF LC/MS System



Now you can take advantage of three dimensions of separation in a single system. The Agilent 6560 combines the power of high-performance liquid chromatography, new ion mobility technologies, and a high-resolution, accurate-mass Q-TOF system, so you can easily expand your scientific research capabilities.

### Resolve structural isomers

- Effortlessly probe the molecular structure and conformation of peptides and proteins using high-resolution ion mobility separation.
- Directly determine molecular size (from collision cross sections) without reference standards or calibration tables.

### Increase peak capacity

- Effectively resolve individual components in complex mixtures with the combined power of UHPLC, ion mobility, and mass spectrometry.
- Obtain optimal ion mobility separation with double-grid trapping technology.

### Find and confirm minor components

- Readily detect low femtogram analytes in complex matrices using electrodynamic funnel technology.
- Confidently identify compounds using All Ions MS/MS.

### Preserve protein conformations

- Easily study gas phase peptide and protein structures.
- Effectively minimize ion heating effects to maintain molecular conformations.



### LEARN MORE

Our free information kit includes a detailed product brochure, technical overview, and three on-demand webinars.

Get it all now at [www.agilent.com/chem/imq-tof](http://www.agilent.com/chem/imq-tof)

© Agilent Technologies, Inc. 2014  
Published in the USA, May 9, 2014  
5991-4595EN



**Agilent Technologies**