AB SCIEX TripleTOF® 5600+ System

The TripleTOF 5600+ System combines the best-in-class front end of SCIEX Triple Quad technology with the Accelerator TOF Analyzer, to deliver nominal mass and accurate mass benefits in a single platform.

This **AB SCIEX TripleTOF™ 5600+ System** is proven workhorse uniquely integrates comprehensive, qualitative exploration, rapid profiling, and high-resolution quantitation workflows, providing high performance and versatility for pharmaceutical development, omics research and any challenging unknown compound analysis.

This system also provides up to 4 orders of magnitude linear dynamic range high-resolution, high-sensitivity data with acquisition speed up to 100 spectra/sec. resolution, high-sensitivity data with acquisition speed up to 100 spectra/sec makes the TripleTOF 5600 system a perfect compliment to ultrafast chromatography. The system also provides 4-5 orders of magnitude of linearity to ensure accurate quantitation in MS and MS/MS modes.

EasyMass(TM) accuracy delivers high mass accuracy MS and MS/MS data with ease. With external calibration, the mass accuracy holds rock-steady at <1ppm over 30 minutes, and RMS=1.69 over 100 hours.

Reserpine and fragments demonstrate high resolution at low mass, ~30,000 at 100 MS/MS per second.

Resolution of insulin (6+) is maintained at >43,000 with data accumulation times of 1 second, 100 milliseconds, and 10 milliseconds.

* Enhanced Selectivity with Differential Ion Mobility
* Robust Spray with the DuoSpray™ Turbo V Source
* Comprehensive Coverage with Data-Independent SWATH® Acquisition
* Maximize Flexibility with Front End Separations

Save the bees