

Applied Biosystems /MDS Sciex QSTAR XL LC/MS/MS TOF Mass Spectrometer



QSTAR XI LC/MS/MS mass spectrometer is a quadrupole / Time-of-Flight mass spectrometer with an ESI source. This high-resolution MS/MS has the capability for exact mass measurement. Samples are introduced into the mass spectrometer either by infusion or using an Agilent 1100 LC system. Also available is an Agilent 1260 Nano LC system that the samples can be analyzed with a Nanospray source.

The BioAnalyst software is useful for peptide and protein analysis.

Specifications

Mass Analyzer	Quadrupole time-of-flight (Q-TOF)
Ion Sources	Turbo spray APCI Nanospray source
Ion Polarity	Positive and Negative modes
Mass Range	20 to 40,000 Da
Resolution	$R \geq 8,000$
Mass Accuracy	$\pm 10\text{ppm}$