

QTOF Profiling

It is an analysis of total proteins molecular weight by mass spectrometer and quadrupole mass analyser without the prior digestion and fragmentation of the molecule of interest. Quadrupole time of flight hybridization resulted in high resolution and high mass accurate analysis of all ions of proteins or antibodies in intact form using. This method has an excellent resolution at the high mass ranges of accuracy with hardware and software features for up to 30000mz size of biomolecules. With the improving quadrupole time of resolution from 20000 to 30000 for isotope envelope of proteins of the larger molecules. Analyzing the intact proteins using quadrupole time of flight mass spectrometry is popular in biopharma industry and it offers excellent resolutions and mass accuracy which are important for characterizing intact biomolecules with higher resolution, for higher molecular sizes.

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