

AB Sciex launches next-gen TripleTOF 5600 System

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Singapore: Life science analytical technologies company, AB Sciex, has launched the second generation TripleTOF 5600 System. The new TripleTOF 5600± System delivers new innovation for biomolecule research with MS/MSALL with SWATH Acquisition and supports a higher level of selectivity when coupled with SelexION Technology. The new system also comes with software that is capable of supporting 21 CFR Part 11 compliance, making TripleTOF technology more accessible for regulated labs in the pharmaceutical industry.

The new TripleTOF 5600+ system is an advancement in the accurate mass technology that combines high resolution with high sensitivity and high speed. This new system builds on the existing TripleTOF 5600, making it the industry's fastest, high sensitivity and high-resolution mass spectrometer for simultaneous high-performance qualitative and quantitative analysis. A built-in capability to support SelexION Technology also adds versatility and breakthrough levels of selectivity.

By incorporating support for MS/MSALL with SWATH Acquisition on the TripleTOF 5600+ platform, researchers will be able to obtain more information about proteins, peptides and other biomolecules from a sample. SWATH Acquisition is a

groundbreaking mass spectrometry-based technique that quantifies nearly all peptides and proteins in a sample from a single analysis.