



Product News

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Thermo Fisher Scientific and BIOCRATES Life Sciences Launch Industry's First Kit for Comprehensive Metabolome Analysis

INDIANAPOLIS – ASMS 2017 – (June 5, 2017) – Thermo Fisher Scientific Inc., the world leader in serving science, and BIOCRATES Life Sciences AG, a global leader in metabolic phenotyping, today launched a ready-to-use kit for accurate and confident metabolic phenotyping on high resolution mass spectrometry instruments. As part of a co-marketing agreement, the companies will jointly promote and market the combined use of the kit and Thermo Fisher's Q Exactive high-resolution, accurate-mass (HRAM) platform of mass spectrometers.

The new BIOCRATES Absolute/*IDQ*[®] p400 HR kit is the industry's first, comprehensive kit for targeted metabolomics analysis, designed to help researchers efficiently unlock the complexity of the metabolome. Taking full advantage of the HRAM capabilities of the industry-leading Thermo Scientific Orbitrap mass spectrometry and BIOCRATES' metabolic phenotyping technologies, the solution enables multiplexed, quantitative and standardized metabolome analysis at a substantial level of depth.

"This collaboration with BIOCRATES Life Sciences enables us to provide scientists with an important new solution for targeted metabolomics research," said Andreas Huhmer, director, proteomics and metabolomics marketing, chromatography and mass spectrometry, Thermo Fisher. "Customers now have a standardized approach to quantitative and reproducible sample analysis to help them gain a deeper understanding of the metabolome."

"The new Absolute/*IDQ*[®] p400 HR Kit extends the highly regarded BIOCRATES metabolomics kit portfolio to take advantage of the multiplexed and quantitative power of Thermo Fisher's Q Exactive HRAM technology," said Dr. Therese Koal, head of R&D, BIOCRATES Life Sciences AG. "This will bring the potential for fast, efficient, quantitative metabolic phenotyping with inter-laboratory comparability to the proteomics and metabolomics communities to support metabolomics research and precision medicine opportunities."

With the new kit, scientists can analyze up to 408 key metabolites, covering 11 central metabolite classes, using just 10 microliters of biofluidic sample volume. Supported by BIOCRATES Met/*IDQ*[™] software, scientists can achieve automated workflow-controlled processing of up to 82 samples per kit, delivering outstanding longitudinal results, as well as inter-laboratory comparability.

During ASMS, Thermo Fisher and BIOCRATES describe their collaboration through presentations, workshops and posters by notable scientists and industry experts. The new kit will be on display at the annual American Society of Mass Spectrometry (ASMS) conference (Thermo Fisher Booth 601 and BIOCRATES Booth 904), June 4-8, at the Indiana Convention Center and in the Thermo Fisher Hospitality Suite, White River Ballroom F-J, at the JW Marriott in Indianapolis.

About BIOCRATES Life Sciences AG

Founded in 2002, BIOCRATES Life Sciences AG is a global leader in metabolic phenotyping and offers unique research technical solutions for quantitative and quality-controlled targeted metabolomics ("Deep

Phenotyping”) of more than 440 endogenous metabolites in kit format and more than 650 metabolites as in-house contractual service. The mass spectrometry-based assays are marked by unprecedented accuracy and precision, thus providing a comprehensive and predictive understanding of metabolic phenotypes, metabolism, and pathways. BIOCRATES is an Austrian company with corporate headquarter in Innsbruck, Austria. For more information, please visit www.biocrates.com.

About Thermo Fisher Scientific

Thermo Fisher Scientific Inc. is the world leader in serving science, with revenues of \$18 billion and more than 55,000 employees globally. Our mission is to enable our customers to make the world healthier, cleaner and safer. We help our customers accelerate life sciences research, solve complex analytical challenges, improve patient diagnostics and increase laboratory productivity. Through our premier brands – Thermo Scientific, Applied Biosystems, Invitrogen, Fisher Scientific and Unity Lab Services – we offer an unmatched combination of innovative technologies, purchasing convenience and comprehensive support. For more information, please visit www.thermofisher.com.

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