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# New ISOLUTE(R) HYDRO DME+ rapidly removes matrix interferences from urine

14 February 2018 | News

**ISOLUTE® HYDRO DME+ fixed well plates and columns, for the efficient removal of matrix components from urine, using a simple pass through workflow**

A leading global supplier of solutions and technology for analytical, medicinal and peptide chemistry, is pleased to announce the launch of ISOLUTE® HYDRO DME+ fixed well plates and columns, for the efficient removal of matrix components from urine, using a simple pass through workflow.

The novel (patent pending) dual mode extraction (DME) methodology has been developed by Biotage to provide more effective removal of matrix components such as salts, creatinine, urea, pigments and residual hydrolysis enzymes from urine using a combination of liquid partitioning and scavenging modes.

Compared to the dilute and shoot approach, analyte sensitivity is increased, and instrument sensitivity is maintained over multiple injections, improving assay robustness and reducing costly downtime.

The inclusion of Biotage® HYDRO frit technology means that urine samples can be hydrolyzed in-situ in the well or column, eliminating the need for a post hydrolysis sample transfer step.

ISOLUTE® HYDRO DME+ products can be processed using 96-well compatible positive pressure manifolds (e.g. Biotage® PRESSURE+ 96/48), vacuum manifolds (e.g. VacMaster™-96/-10-20) and automated sample extraction systems (e.g. Biotage® Extrahera).

Raw urine samples of up to 200 µL can be cleaned up using the 400 mg 96-well plate and column formats.