MOVE ANALYTICAL

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Move Analytical Launches MoveKit™ BA: 183 Bile Acid and Related Targets from 20 µL of Sample

> 32 species quantified across four molecular classes — sulfates included — with 151 discovery targets from the same injection. Launching at ASMS 2026 in San Diego.

CARRBORO, N.C. — September 21, 2026 — Move Analytical announced the general availability of MoveKit™ BA (P/N MKIT-003), an end-to-end LC-MS bile acid metabolomics kit that quantifies 32 bile acids across four molecular classes and adds semi-quantitative measurement of another 151 microbially conjugated bile acids and free fatty acids — 183 targets in total, from a 20 µL sample, at under $40 per sample. Move Analytical co-founder and Operations Lead Will Thompson formally launched the kit on stage at ASMS 2026 in San Diego, with a talk in the Thermo Fisher Scientific hospitality suite highlighting the new capabilities the workflow brings to bile acid research.

MoveKit BA ships as a complete workflow: calibrators, quality controls, internal standards and system suitability standards come in the box, matched to the method, with sample preparation in thirty minutes and no derivatization. MoveApp, the accompanying software, runs the data checks, monitors QC and assigns the peaks — and exports the pipeline to Skyline, so every assignment is inspectable. The kit quantifies the classical bile acid pool and, in the same injection, the 3-sulfates of every one of those species — the broadest sulfated and modified bile acid coverage of any commercial workflow. Sulfation is the body's principal route for clearing the most cytotoxic bile acids, and in the company's multi-site study the sulfated conjugates rivaled the entire classical conjugated pool in abundance. The discovery targets extend the panel into microbial territory — amino acid conjugates, oxo- and iso-species, glucuronidated forms and free fatty acids — and because the primary method acquires full-scan high-resolution data, samples archived today can be re-interrogated as new microbial conjugates are described.

> *"This is the workflow we always wished we could hand a collaborator — the standards, the software and the method, matched to each other and proven across five laboratories," said Thompson. "ASMS is where this community comes together, and there is no better place to show what it can do."*

In a five-laboratory study — Corewell Health, UMass Chan Medical School, the University of Colorado Boulder, the UNC MAP Core and the West Coast Metabolomics Core at UC Davis — analytes quantified at every site showed a median inter-laboratory CV of 15.9% across all four molecular classes, and sites running the Thermo Scientific Stellar MS returned concentrations agreeing within 10% across every class. The kit is validated on plasma, serum, urine, cecum and feces, with additional matrices in development.

MoveKit BA is available now at $3,500 per kit, covering 89 samples — under $40 per sample. Full analyte lists and quote requests are at moveanalytical.com; a recording of the ASMS talk will be made available following the conference.

ABOUT MOVE ANALYTICAL

Move Analytical builds software-defined metabolomics: tightly integrated kits, standards and software that remove complexity from laboratory workflows so scientists can focus on the science. Founded by Will Thompson, Scott Mellors, James P. Campbell and Michael Ramsey, the company makes its products in Carrboro, North Carolina.

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