**Sample preparation protocol:**

NMR: Urine samples were thawed in a 4 0C cold room followed by centrifugation at 20,200 rcf for 20 min. at 4 0C to remove any precipitated materials. The sample preparation robot, Bruker’s SamplePro (Bruker Biospin, Rheinstetten Germany) was used to dispense 60 µL of NMR buffer into 5 mm SampleJet NMR tubes (Bruker Biospin, Billerica, MA, USA), followed by the transfer of 540 µL of urine sample and sample mixing. The NMR buffer is a 1.5 M KH2PO4 buffer with a pH of 7.0, in D2O containing 0.11 mM of 4,4-dimethyl-4-silapentane-1-sulfonic acid (DSS). DSS is used as a chemical shift reference.

*Mass Spectrometry*: Urine samples were thawed on ice, and proteins were precipitated with addition

of methanol in a 5:1 volume ratio to 50 μL of urine. Samples were vortex-mixed for 30 s

and centrifuged at 21,100 x g for 5 min. After centrifugation, the supernatant was

transferred to an auto-sample vial with snap-on cap and stored at 4oC until analysis. A

sample preparation blank was analyzed jointly with the samples, and a pooled sample

was created for use as quality control. Samples were analyzed in randomized order,

and the pooled sample was included in approximately every tenth injection over the

course of the batch.