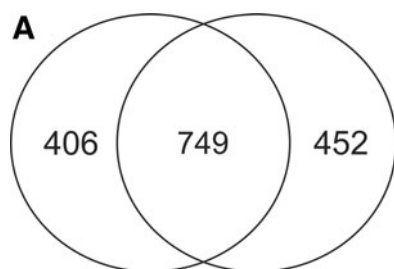


Supplementary Data



B

Biochemical Family	Urine	Plasma
Amino Acid	200	151
Peptide	37	59
Carbohydrate	50	29
Energy	13	8
Lipid	114	296
Nucleotide	46	31
Cofactors and Vitamins	36	28
Xenobiotics	167	123
Structural Unknowns	538	430

SUPPLEMENTARY FIG. S1. Comparison of the biochemical profiles of urine and plasma from similar cohorts. **(A)** Venn diagram analysis showing the number of biochemicals in plasma (*left circle*) and urine (*right circle*), and number of biochemicals detected in both matrices. **(B)** The biochemicals detected in urine and plasma represent different biological classes.