

SUPPLEMENTARY MATERIALS

Table S1. Calibration ranges, linear regressions, limits of quantitation, matrix effect results, and recovery test results for the developed method for catecholamine and steroid determination.

Analytes	Calibration range	Linear regression equation	R ²	LOQ (ng/mL)	Matrix effect (%)	Recovery test (%)
DA	1–5000	y=0.0004x-0.0117	0.9997	1	88.7	99.8
NE	1–5000	y=6E-05x+0.0017	0.9987	1	93.8	102.3
MN	1–5000	y=0.0022x-0.2176	0.9952	1	90.5	103.5
NMN	1–5000	y=0.0051x-0.511	0.9924	1	93.2	90.5
L-DOPA	20–5000	y=6E-06x+0.0047	0.9972	20	108	105.3
E	1–5000	y=2E-05x+0.0007	0.9985	1	112.4	115.3
5-HT	1–5000	y=0.0009x-0.087	0.9957	1	122.9	88.8
T	1–5000	y=0.0013x+0.0594	0.9973	1	85.4	101.9
EpiT	1–5000	y=0.0002x+0.0825	0.9951	1	95.4	92.3
DHT	1–5000	y=0.0013x-0.111	0.9965	1	96.6	123
17 α -OHP	1–5000	y=0.0013x-0.1406	0.9909	1	107.3	102.4
A	1–5000	y=0.0004x-0.0522	0.9905	1	102.7	102.4
P4	1–5000	y=0.0009x-0.0672	0.9969	1	90	102.9