

Name	HMDB	KEGG	Classification	LCMS in URINE (volume of extrated urine 500ul)		GCMS in PLASMA (200ul needed)
				LLOD (ng/ml)	Quantification range (ng/ml)	Quantification range
Estrone; E1	HMDB00145	C00468	Estrogens (C18 steroids)	0.02	0.06-144	1-100 pg/ml
Estradiol; E2	HMDB00151	C00951	Estrogens (C18 steroids)	0.02	1.76-144	
Epiestradiol; epi-E2	HMDB00429	C02537	Estrogens (C18 steroids)	0.12	3.1-48	
Estriol; E3	HMDB00153	C05141	Estrogens (C18 steroids)	0.02	0.2-48	
17-Epiestriol	HMDB00356	n/a	Estrogens (C18 steroids)	0.02	0.2-48	
16-Epiestriol, 16b-Hydroxyestradiol	HMDB00347	n/a	Estrogens (C18 steroids)	0.06	0.2-48	
16-Keto-17-β-estradiol	HMDB00406	C14383	Estrogens (C18 steroids)	0.02	0.24-144	
16α-hydroxyestrone; 16αOHE1	HMDB00335	C05300	Estrogens (C18 steroids)	0.02	0.2-144	
2-Hydroxyestrone; 2OHE1	HMDB00343	C05298	Estrogens (C18 steroids)	0.02	0.12-144	
4-Hydroxyestrone; 2OHE1	HMDB05895	n/a	Estrogens (C18 steroids)	0.02	0.24-48	
2-Hydroxyestradiol; 2OHE2	HMDB00338	C05301	Estrogens (C18 steroids)	0.12	0.6-48	
4-Hydroxyestradiol; 4OHE2	HMDB05896	C14209	Estrogens (C18 steroids)	0.02	0.24-48	
2-Methoxyestradiol; 2MeOE2	HMDB00405	C05302	Estrogens (C18 steroids)	0.02	0.06-48	
2-Methoxyestrone; 2MeOE1	HMDB00010	C05299	Estrogens (C18 steroids)	0.02	1.76-48	
4-Methoxyestrone; 4MeOE1	HMDB60088	n/a	Estrogens (C18 steroids)	0.12	1.76-48	
Testosterone	HMDB00234	C00535	Androgens (C19 steroids)	0.02	0.24-144	0.1-10 ng/ml
Dihydrotestosterone; DHT	HMDB02961	C03917	Androgens (C19 steroids)	1.76	24-48	
6b-Hydroxytestosterone	HMDB06259	C14497	Androgens (C19 steroids)	0.2	1.76-48	
Epitestosterone; 17α-hydroxyandrost-4-en-3-one	HMDB00628	n/a	Androgens (C19 steroids)	0.02	0.06-144	
Androstenedione	HMDB00053	C00280	Androgens (C19 steroids)	0.02	0.2-144	
11b-Hydroxyandrostenedione	HMDB06773	C05284	Androgens (C19 steroids)	0.02	1.76-48	
Androstanedione; 5α-androstane-3,17-dione	HMDB00899	C00674	Androgens (C19 steroids)	0.6	5.2-48	
Dehydroepiandrosterone; DHEA	HMDB00077	C01227	Androgens (C19 steroids)	0.12	0.24-144	
Dehydroepiandrosterone Sulfate; DHEA-S	HMDB01032	C04555	Androgens (C19 steroids)	0.02	0.2-144	
Androsterone	HMDB00031	C00523	Androgens (C19 steroids)	0.12	5.2-48	
Epiandrosterone	HMDB00365	C07635	Androgens (C19 steroids)	0.6	5.2-48	
Epiandrosterone sulfate	HMDB62657	n/a	Androgens (C19 steroids)	0.02	0.06-114	
Pregnenolone	HMDB00253	C01953	Progestagens (C21 steroids)	1.76	5.2-48	
17a-Hydroxypregnenolone	HMDB00363	C05138	Progestagens (C21 steroids)	0.12	5.2-48	
Progesterone	HMDB01830	C00410	Progestagens (C21 steroids)	0.02	0.2-48	
17a-Hydroxyprogesterone	HMDB00374	C01176	Progestagens (C21 steroids)	0.02	0.24-48	
11b-Hydroxyprogesterone	HMDB04031	C05498	Progestagens (C21 steroids)	0.06	1.76-48	