

Table S2. Bile acids standards.

No.	Bile acid	Full name
1	CA	Cholic acid
2	CDCA	Chenodeoxycholic acid
3	DCA	Deoxycholic acid
4	UDCA	Ursodeoxycholic acid
5	HDCA	Hyodeoxycholic acid
6	GCA	Glycocholic acid
7	GCDCA	Glycochenodeoxycholic acid
8	GDCA	Chenodeoxycholic acid
9	GUDCA	Glycoursodeoxycholic acid
10	GHDCA	Glycohyodeoxycholic acid
11	TDCA	Taurodeoxycholic acid
12	TCDC	Taurochenodeoxycholic acid
13	TUDCA	Tauroursodeoxycholic acid
14	THDCA	Taurohyodeoxycholic acid
15	GLCA	Glycolithocholic acid
16	LCA	Lithocholic acid
17	TCA	Taurocholic acid
18	TLCA	Taurolithocholic acid
19	β -MCA	β -Muricholic acid
20	γ -MCA	γ -muricholic acid
21	T- β -MCA	Tauro- β -muricholic acid
22	7-KLCA	7-Ketolithocholic acid
23	12-KLCA	12-ketolithocholic acid
24	ApCA	Apocholic acid
25	3-DHCA	3-dehydrocholic acid
26	7-KDCA	7-ketodeoxycholic acid
27	6,7-DKLCA	6,7-diketolithocholic acid
28	MoCA	murocholic acid

29	IsoLCA	Isolithocholic acid
30	AlloCA	Allocholic acid
31	α -MCA	α -Muricholic acid
