Analytical Biochemistry Services Offered

If you have any questions about the services offered or a custom-designed chemical analysis, please contact:
Adrian Franke, PhD at adrian@cc.hawaii.edu or (808) 586-3008.

Untargeted Anayses: Bile and fatty acids by LC/MS

Compound Name	Full name
CDCA	chenodeoxycholic acid
TDCA	taurodeoxycholate
DCA	deoxycholic acid
CA	cholic acid
LCA	lithocholic acid
HDCA	α_hyodeoxycholic acid
GCA	glycocholic acid
DHCA	dehydrocholic acid
TCA	taurocholic acid
GDCA	glycodeoxycholic acid
TCDCA	taurochenodeoxycholate
GCDCA	glycochenodeoxycholate
isoLCA	isolithocholic acid
6-ketoLCA	6_ketolithocholic acid
7-ketoLCA	Nutriacholic acid / 7_ketolithocholic acid
12-ketoLCA\12-ketoDCA	12_ketolithocholic acid/12_ketodeoxycholic acid
AlloLCA	allolithocholic acid
6,7-DiketoLCA	6,7_diketolithocholic acid
7,12-diketoLCA	7,12_diketolithocholic acid
dehydroLCA	dehydrolithocholic acid
isoDCA	isodeoxycholic acid
7-ketoDCA	7_ketodeoxycholic acid
UDCA	ursodeoxycholic acid
muroCA	murocholic acid
αMCA	α_muricholic acid
βMCA	β_muricholic acid
ωMCA	ω_muricholic acid
HCA	γ_muricholic acid\hyocholic acid
12-DHCA	12_dehydrocholic acid\3α,7α_dihydroxy_12_ketocholanic acid
3-DHCA	3_dehydrocholic acid\3_oxocholic acid
GLCA	glycolithocholate
GUDCA	glycoursodeoxycholic acid
GHDCA	glycohyodeoxycholate
GHCA	glycohyocholate
GDHCA	glycodehydrocholate

TLCA	taurolithocholate
TUDCA	tauroursodeoxycholic acid
THDCA	taurohyodeoxycholic acid
TαMCA	tauro α_muricholate
TβMCA	tauro β_muricholate
TωMCA	tauro ω_muricholate
THCA	taurohyocholate
TDHCA	taurodehydrocholate
apoCA	apocholic acid
NorDCA	3α,12α_dihydroxynorcholanate\23_nordeoxycholic acid
LCA-3S	lithocholic acid 3 sulfate
CDCA-24G	Chenodeoxycholic Acid 24_Acyl_β_D_glucuronide
GLCA-3S	glycolithocholic acid 3 sulfate
UCA	ursocholic acid
βUDCA	3β_Ursodeoxycholic Acid
βHDCA	β_Hyodeoxycholic Acid
βCA	3β_Cholic Acid
ACA	Allocholic acid
TLCA-3S	taurolithocholic acid 3 sulfate
NorCA	Nor Cholic acid
CDCA-3G	Chenodeoxycholic acid_3_β_D_glucuronide
GCDCA-3S	glycochenodeoxycholic Acid 3_Sulfate Disodium Salt