Supplementary Information

Cholesterol attenuates cytoprotective effects of phosphatidylcholine against bile salts

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	LD_{50} (mM)
HepG2 cells	
NaC	13.1
NaTC	12.5
NaGC	14.2
NaDC	1.12
NaTDC	1.24
NaGDC	1.25
NaCDC	1.48
NaTCDC	1.36
NaGCDC	1.63
Primary human hepatocytes	
NaDC	1.16
NaTDC	1.58

Supplementary Table S1. LD_{50} of bile salts for HepG2 cells and primary human hepatocytes. LD_{50} values of bile salts were determined by nonlinear regression curve fitting of concentration-response data from LDH release assay (Figs. 1 and 3).

	IC_{50} of PC (mM)	
	Bile salt/PC	Bile salt/PC/Cholesterol
HepG2 cells		
25 mM NaC	19.1	25.1
25 mM NaTC	10.7	9.00
25 mM NaGC	6.95	6.21
25 mM NaDC	Not definable	Not definable
25 mM NaTDC	18.1	19.0
25 mM NaGDC	16.1	16.9
25 mM NaCDC	Not definable	Not definable
25 mM NaTCDC	16.4	18.6
25 mM NaGCDC	17.3	17.8
15 mM NaDC	22.4	Not definable
15 mM NaCDC	14.3	17.5
Primary human hepatocytes		
25 mM NaDC	21.5	27.7
25 mM NaTDC	9.09	8.84

Supplementary Table S2. IC_{50} of PC for inhibition of bile salt cytotoxicity to HepG2 cells and primary human hepatocytes. IC_{50} values of PC were determined by nonlinear regression curve fitting of concentration-response data from LDH release assay (Figs. 2 and 4).