

Supplemental Table 5B. Free sterol levels in human plasma. All measurements were performed triplicate.

Sterol¹	Mean (nmol/ml)	SEM (nmol/ml)	Mean (μg/dl)	SEM (μg/dl)	% Free
24S-hydroxycholesterol	0.006	0.0003	0.255	0.012	12.9
25-hydroxycholesterol	0.001	0.0001	0.036	0.002	4.4
27-hydroxycholesterol	0.013	0.001	0.514	0.029	2.4
4 β -hydroxycholesterol	0.014	0.0005	0.546	0.019	24.7
7-dehydrocholesterol	n.d.	n.d.	n.d.	n.d.	n.d.
7-oxocholesterol	0.014	0.008	0.551	0.316	11.2
7 α -hydroxycholesterol	0.012	0.002	0.468	0.063	3.5
Campesterol ²	1.35	0.014	54.0	0.577	20.8
Cholestenone	n.d.	n.d.	n.d.	n.d.	n.d.
Desmosterol ²	0.790	0.017	30.3	0.667	43.6
Lanosterol ²	n.d.	n.d.	n.d.	n.d.	n.d.
Lathosterol ²	2.43	0.048	93.7	1.86	45.0
Sitosterol ²	0.902	0.089	37.3	3.67	16.3
	μmol/ml	μmol/ml	mg/dl	mg/dl	
Cholesterol ²	0.820	0.009	31.6	0.300	21.8

¹ In addition to the sterols shown, two known oxidation products of cholesterol, 5/6 α - and 5/6 β -epoxycholesterol were detected. These sterols form spontaneously during sample work-up and are thus not reported here.

² Measured by gas chromatography-mass spectrometry; all other sterols measured by liquid chromatography-mass spectrometry.

n.d., Not detected.