

**Supplemental Table 5A.** Total (free and esterified) sterol levels in human plasma. All measurements were performed in triplicate.

<b>Sterol<sup>1</sup></b>	<b>Mean (nmol/ml)</b>	<b>SEM (nmol/ml)</b>	<b>Mean (µg/dl)</b>	<b>SEM (µg/dl)</b>
24S-hydroxycholesterol	0.049	0.002	1.97	0.08
25-hydroxycholesterol	0.020	0.003	0.81	0.12
27-hydroxycholesterol	0.538	0.040	21.6	1.6
4β-hydroxycholesterol	0.055	0.002	2.21	0.08
7-dehydrocholesterol	3.01	0.254	116	10
7-oxocholesterol	0.122	0.083	4.91	3.34
7α-hydroxycholesterol	0.335	0.068	13.5	2.7
Campesterol <sup>2</sup>	6.46	0.051	259	2.0
Cholestenone	0.079	0.022	3.04	0.85
Desmosterol <sup>2</sup>	1.81	0.067	69.6	2.6
Lanosterol <sup>2</sup>	0.480	0.114	20.5	4.9
Lathosterol <sup>2</sup>	5.38	0.038	208	1.0
Sitosterol <sup>2</sup>	5.53	0.021	229	1.0
	<b>µmol/ml</b>	<b>µmol/ml</b>	<b>mg/dl</b>	<b>mg/dl</b>
Cholesterol <sup>2</sup>	3.76	0.098	145	4.0

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

<sup>2</sup> Measured by gas chromatography-mass spectrometry; all other sterols measured by liquid chromatography-mass spectrometry.