

SUPPLEMENTAL TABLES

Supplemental Table 1. Carnitine and acylcarnitine levels (nmol/25 cm² flask) in the media

	mean			sem		
	basal	palmitate	palmitate +	basal	palmitate	palmitate +
total_carnitine	2878.063	2859.769	2826.297	144.122	168.164	112.299
free_carnitine	2930.799	2871.409	2854.801	126.889	151.128	102.556
butyrobetaine	1.939	1.312	1.448	0.575	0.203	0.073
acetylcarnitine	27.053	34.381	24.627	9.308	12.013	7.762
propionylcarnitine	0.609	0.661	0.505	0.056	0.091	0.056
butyrylcarnitine	0.156	0.545	0.402	0.042	0.113	0.079
isobutyrylcarnitine	0.169	0.187	0.144	0.016	0.027	0.009
R-3-hydroxy-butyrylcarnitine	0.004	0.010	0.005	0.000	0.003	0.001
S-3-hydroxy-butyrylcarnitine	0.039	0.062	0.038	0.011	0.016	0.009
valerylcarnitine	0.008	0.007	0.007	0.002	0.001	0.001
isovalerylcarnitine	0.053	0.056	0.035	0.005	0.009	0.001
3-hydroxy-isovalerylcarnitine	0.014	0.012	0.011	0.003	0.003	0.002
2-methyl-butyrylcarnitine	0.215	0.220	0.167	0.010	0.023	0.004
tigloylcarnitine	0.003	0.002	0.002	0.000	0.000	0.000
3-methyl-crotonylcarnitine	0.001	0.002	0.001	0.001	0.000	0.000
hexanoylcarnitine	0.066	0.220	0.160	0.026	0.054	0.029
R-3-hydroxy-hexanoylcarnitine	0.000	0.001	0.001	0.000	0.000	0.000
S-3-hydroxy-hexanoylcarnitine	0.001	0.001	0.002	0.000	0.000	0.000
phenylacetylcarnitine	0.001	0.001	0.001	0.000	0.000	0.000
phenylpropionylcarnitine	0.000	0.001	0.000	0.000	0.000	0.000
4-phenyl-butyrylcarnitine	0.001	0.001	0.001	0.000	0.000	0.000
benzoylcarnitine	0.003	0.002	0.001	0.000	0.001	0.001
4-methyl-hexanoylcarnitine	0.001	0.001	0.001	0.000	0.000	0.000
octanoylcarnitine	0.035	0.169	0.124	0.014	0.031	0.014
R-3-hydroxy-octanoylcarnitine	0.001	0.001	0.002	0.000	0.000	0.000
S-3-hydroxy-octanoylcarnitine	0.001	0.006	0.006	0.001	0.001	0.001
branched-chain C8	0.000	0.000	0.000	0.000	0.000	0.000
cis-3,4-methylene-heptanoylcarnitine	0.000	0.000	0.000	0.000	0.000	0.000
4-methyl-octanoylcarnitine	0.001	0.002	0.001	0.000	0.001	0.000
2,6-dimethyl-heptanoylcarnitine	0.000	0.000	0.000	0.000	0.000	0.000
decanoylcarnitine	0.039	0.306	0.254	0.013	0.027	0.024
cis-4-decenoylcarnitine	0.013	0.010	0.009	0.005	0.003	0.000
cis-3,4-methylene-nonanoylcarnitine	0.002	0.000	0.001	0.001	0.000	0.000
R-3-hydroxy-decanoylcarnitine	0.001	0.000	0.001	0.001	0.000	0.001
S-3-hydroxy-decanoylcarnitine	0.005	0.020	0.016	0.002	0.001	0.004