

**Supplemental Data 2.** Clinical blood biochemistry data of the ME/CFS metabotype subsets, per gender.

FEMALE	Unit	ME/CFS		ME-M1		ME-M2		ME-M3	
		Mean ± SD	N	Mean ± SD	N	Mean ± SD	N	Mean ± SD	N
HEMOGLOBIN	g/dL	13.78 ± 0.91	43	13.85 ± 0.96	18	13.55 ± 0.78	17	14.1 ± 1.06	8
ALBUMIN	g/L	45.60 ± 3.28	53	<b>47.4 ± 3.08<sup>a,b</sup></b>	20	<b>44.36 ± 3.30<sup>a</sup></b>	25	<b>45.00 ± 1.30<sup>b</sup></b>	8
FOLATE	nmol/L	21.68 ± 10.05	59	<b>26.05 ± 10.46<sup>a</sup></b>	21	<b>17.76 ± 9.07<sup>a</sup></b>	28	23.50 ± 8.04	10
GLUCOSE	mmol/L	5.12 ± 0.82	55	5.04 ± 0.52	21	5.16 ± 1.05	25	5.20 ± 0.76	9
CHOLESTEROL	mmol/L	4.99 ± 0.84	60	4.90 ± 1.06	23	5.00 ± 0.68	28	5.20 ± 0.67	9
HDL	mmol/L	1.50 ± 0.36	60	1.60 ± 0.37	23	1.40 ± 0.35	28	1.54 ± 0.25	9
LDL	mmol/L	3.21 ± 0.86	46	3.19 ± 1.01	18	3.1 ± 0.74	21	3.57 ± 0.78	7
TG	mmol/L	1.41 ± 0.92	38	<b>0.98 ± 0.35<sup>a</sup></b>	12	<b>1.72 ± 1.08<sup>a</sup></b>	22	0.94 ± 0.12	4
NEFA	mmol/L	0.39 ± 0.30	57	<b>0.66 ± 0.28<sup>a,b</sup></b>	20	<b>0.23 ± 0.18<sup>a</sup></b>	27	<b>0.26 ± 0.17<sup>b</sup></b>	10
TSH	mIU/L	2.12 ± 1.01	52	1.98 ± 0.98	20	2.23 ± 1.15	23	2.16 ± 0.70	9
FREE T4	pmol/L	16.17 ± 3.16	52	16.17 ± 2.44	20	15.96 ± 4.08	23	16.70 ± 1.86	9
ACTH	pmol/L	4.47 ± 2.87	52	<b>3.56 ± 1.33<sup>a</sup></b>	20	<b>5.17 ± 3.05<sup>a</sup></b>	23	4.68 ± 4.39	9
CORTISOL (MORNING)	nmol/L	405 ± 274.4	52	<b>275.2 ± 116.5<sup>a</sup></b>	20	<b>528.0 ± 349.3<sup>a</sup></b>	23	379.3 ± 161.2	9

MALE	Unit	ME/CFS		ME-M1		ME-M2		ME-M3	
		Mean ± SD	N	Mean ± SD	N	Mean ± SD	N	Mean ± SD	N
HEMOGLOBIN	g/dL	15.78 ± 1.00	11	16.12 ± 0.83	5	15.80 ± 0.93	4	14.90 ± 1.56	2
ALBUMIN	g/L	47.50 ± 2.25	16	47.29 ± 2.93	7	47.43 ± 1.72	7	48.50 ± 2.12	2
FOLATE	nmol/L	17.60 ± 9.83	18	19.39 ± 12.46	7	16.70 ± 9.07	9	15.40 ± 3.96	2
GLUCOSE	mmol/L	5.64 ± 0.84	16	5.81 ± 1.01	7	<b>5.24 ± 0.49<sup>c</sup></b>	7	<b>6.40 ± 0.71<sup>c</sup></b>	2
CHOLESTEROL	mmol/L	5.09 ± 1.26	18	<b>4.64 ± 0.66<sup>b</sup></b>	7	5.00 ± 1.37	9	<b>7.05 ± 0.49<sup>b</sup></b>	2
HDL	mmol/L	1.23 ± 0.26	18	1.23 ± 0.15	7	1.26 ± 0.34	9	1.10 ± 0.28	2
LDL	mmol/L	3.45 ± 1.05	17	<b>3.11 ± 0.72<sup>b</sup></b>	7	<b>3.25 ± 0.91<sup>c</sup></b>	8	<b>5.40 ± 0.14<sup>b,c</sup></b>	2
TG	mmol/L	1.39 ± 0.70	10	1.40 ± 0.74	3	1.38 ± 0.81	6	1.42 ± 0.00	1
NEFA	mmol/L	0.36 ± 0.28	18	<b>0.63 ± 0.27<sup>a</sup></b>	7	<b>0.16 ± 0.08<sup>a</sup></b>	9	0.29 ± 0.21	2
TSH	mIU/L	2.22 ± 1.39	14	1.98 ± 1.82	6	2.43 ± 1.17	6	2.31 ± 1.12	2
FREE T4	pmol/L	17.07 ± 1.90	14	16.68 ± 2.29	6	17.67 ± 1.51	6	16.45 ± 2.33	2
ACTH	pmol/L	5.89 ± 2.78	14	6.35 ± 4.10	6	5.50 ± 1.27	6	5.70 ± 2.40	2
CORTISOL (MORNING)	nmol/L	420.79 ± 145.58	14	390.50 ± 133.05	6	419.33 ± 130.36	6	516.00 ± 280.01	2

<sup>a</sup> p<0.05, ME-M1 vs ME-M2, Welch's test.

<sup>b</sup> p<0.05, ME-M1 vs ME-M3, Welch's test.

<sup>c</sup> p<0.05, ME-M2 vs ME-M3, Welch's test.