単位 μM	肺がん									胃がん								
	全体			男			女			全体			男			女		
年齢	62.1	±	7.5	61.8	±	6.6	62.4	±	8.5	67.2	±	11.1	67.6	±	11.2	66.8	±	11.2
例数	50			26			24			50			25			25		
cis-Aconitate	2.8	±	1.1	2.7	±	1.2	3.0	±	1.1	3.0	±	1.4	3.2	±	1.9	2.9	±	0.75
N-Acetylaspartate	8.3	±	31.1	15.0	±	42.4	1.1	±	0.39	8.5	±	30.4	0.98	±	0.57	15.9	±	42.1
Gluconate	5.9	±	6.5	6.9	±	8.8	4.8	±	1.5	6.6	±	9.6	8.6	±	13.2	4.5	±	1.4
Lactate	2388.4	±	807.0	2501.0	±	701.5	2266.4	±	907.0	2383.3	±	889.4	2509.9	±	905.1	2256.6	±	873.2
Malate	6.4	±	2.6	6.1	±	2.6	6.8	±	2.5	7.1	±	3.6	6.7	±	3.8	7.5	±	3.3
2-Oxoglutarate	11.4	±	9.7	13.0	±	11.1	9.6	±	7.7	9.8	±	7.7	9.5	±	4.4	10.1	±	10.1
Pyruvate	59.3	±	39.4	70.3	±	43.3	47.5	±	31.6	56.9	±	35.4	60.8	±	39.3	53.0	±	31.3
Citrate	42.6	±	17.1	40.7	±	19.2	44.6	±	14.7	50.8	±	21.1	50.1	±	23.5	51.5	±	18.8
Isocitrate	0.86	±	0.77	0.86	±	0.98	0.87	±	0.45	0.98	±	0.72	1.1	±	0.93	0.90	±	0.42
Ala	427.7	±	106.3	422.3	±	98.9	433.6	±	115.7	429.9	±	124.5	438.5	±	113.3	421.2	±	136.6
Asn	50.7	±	12.6	47.9	±	11.5	53.7	±	13.2	50.9	±	12.6	52.0	±	10.1	49.8	±	14.8
N-Acetyl-D-glucosamine+N-Acetyl-D-mannosamine	2.5	±	1.6	2.7	±	1.8	2.3	±	1.4	2.0	±	1.2	2.2	±	1.2	1.8	±	1.1
2-Aminobutyrate	14.8	±	5.2	14.8	±	5.2	14.8	±	5.4	14.6	±	6.8	14.6	±	6.0	14.6	±	7.6
Acetyl carnitine	7.1	±	3.7	7.9	±	4.2	6.2	±	2.8	7.6	±	4.0	7.7	±	4.0	7.6	±	4.1
Creatine	38.5	±	23.1	31.3	±	21.0	46.3	±	23.2	41.7	±	27.7	31.9	±	24.5	51.6	±	27.6
Citrulline	32.7	±	13.3	34.0	±	15.9	31.3	±	10.0	35.6	±	17.8	37.9	±	20.4	33.4	±	14.9
Cystine	45.9	±	12.7	48.6	±	12.4	42.9	±	12.5	41.9	±	16.1	45.6	±	18.2	38.3	±	13.1
SDMA	0.62	±	0.33	0.69	±	0.38	0.55	±	0.25	0.69	±	0.62	0.86	±	0.84	0.52	±	0.10
Gly	172.0	±	56.4	161.1	±	62.2	183.7	±	47.8	210.2	±	87.4	190.1	±	63.2	230.4	±	103.7
Gln	516.0	±	102.2	502.8	±	124.5	530.3	±	70.6	554.3	±	100.1	564.1	±	100.0	544.4	±	101.3
Guanosine	0.35	±	0.51	0.39	±	0.57	0.32	±	0.45	0.45	±	0.58	0.40	±	0.52	0.50	±	0.63
γ-Glu-Ala	1.0	±	0.36	0.92	±	0.28	1.2	±	0.40	1.2	±	0.46	1.2	±	0.33	1.1	±	0.56
γ-Glu-Leu	0.40	±	0.16	0.43	±	0.17	0.36	±	0.14	0.36	±	0.16	0.40	±	0.16	0.31	±	0.15
γ-Glu-Gln+Norophthalmic acid	3.3	±	1.2	2.9	±	1.4	3.6	±	1.0	4.1	±	1.5	4.1	±	1.4	4.0	±	1.7
γ-Glu-Lys	1.1	±	0.43	1.1	±	0.42	1.1	±	0.45	1.1	±	0.46	1.1	±	0.40	1.1	±	0.51
Hypotaurine	3.6	±	3.7	3.3	±	2.1	4.1	±	4.9	5.3	±	11.0	5.1	±	8.0	5.6	±	13.5
His	71.7	±	14.5	66.4	±	14.2	77.4	±	12.8	74.7	±	16.9	74.2	±	15.4	75.2	±	18.6
Hydroxyproline	13.3	±	5.9	13.1	±	6.0	13.6	±	6.0	13.7	±	6.6	14.1	±	6.5	13.3	±	6.7
Inosine	3.4	±	4.3	2.8	±	3.6	4.0	±	4.9	3.9	±	4.1	3.4	±	4.4	4.3	±	3.8
Leu	119.9	±	35.8	126.5	±	38.4	112.8	±	32.1	110.3	±	39.3	113.3	±	41.3	107.3	±	37.7
Lys	173.7	±	46.6	178.0	±	43.6	169.1	±	50.1	175.1	±	40.3	179.1	±	37.0	171.1	±	43.6
Met	16.3	±	5.1	15.7	±	4.6	17.1	±	5.7	18.3	±	7.4	19.4	±	6.3	17.2	±	8.4
S-Methyl-L-cysteine	4.3	±	2.0	3.6	±	1.3	5.0	±	2.3	4.9	±	1.7	5.0	±	1.8	4.8	±	1.7
Pro	192.3	±	69.9	202.4	±	85.1	181.4	±	47.7	190.0	±	79.1	198.3	±	77.6	181.7	±	81.2
Phe	75.0	±	29.0	78.1	±	34.5	71.7	±	21.7	66.8	±	20.2	65.8	±	16.1	67.8	±	23.9
Thr	115.5	±	29.7	114.3	±	28.3	116.8	±	31.7	114.7	±	32.4	116.5	±	34.6	112.9	±	30.7
Taurine	124.3	±	44.6	118.7	±	39.0	130.3	±	50.2	121.9	±	54.5	126.6	±	62.4	117.1	±	46.1
Trp	44.6	±	10.4	43.7	±	12.1	45.6	±	8.5	42.4	±	10.7	42.5	±	11.5	42.3	±	10.1
Val	230.0	±	54.4	236.7	±	51.5	222.7	±	57.6	204.3	±	52.8	205.9	±	46.0	202.6	±	59.8

単位 μM	卵巣がん			大腸がん								
	全体(=女)			全体			男			女		
年齢	62.3	±	10.7	67.0	±	10.0	67.8	±	8.0	66.3	±	11.6
例数	50			50			24			26		
cis-Aconitate	2.9	±	0.79	3.0	±	0.96	3.2	±	0.77	2.9	±	1.1
N-Acetylaspartate	10.6	±	39.4	8.3	±	29.3	16.3	±	41.2	1.0	±	0.61
Gluconate	5.1	±	1.8	4.5	±	1.9	4.6	±	2.2	4.4	±	1.7
Lactate	2182.9	±	1103.4	2436.4	±	1069.4	2226.5	±	953.0	2630.2	±	1150.9
Malate	6.1	±	2.1	7.4	±	2.5	7.3	±	2.4	7.6	±	2.6
2-Oxoglutarate	8.1	±	3.8	10.1	±	4.1	9.3	±	4.2	10.9	±	4.0
Pyruvate	44.4	±	33.9	60.9	±	40.3	56.0	±	32.8	65.4	±	46.4
Citrate	45.7	±	14.5	49.7	±	18.0	48.4	±	16.9	50.9	±	19.2
Isocitrate	0.80	±	0.38	0.92	±	0.41	0.91	±	0.39	0.93	±	0.43
Ala	439.8	±	94.5	437.4	±	118.8	443.7	±	106.5	431.6	±	131.0
Asn	53.6	±	11.1	51.8	±	13.3	51.2	±	11.5	52.4	±	14.9
N-Acetyl-D-glucosamine+N-Acetyl-D-mannosamine	1.8	±	1.3	2.6	±	1.7	2.8	±	2.1	2.4	±	1.3
2-Aminobutyrate	14.0	±	4.2	16.9	±	5.7	15.2	±	4.5	18.4	±	6.4
Acetyl carnitine	6.8	±	3.2	8.5	±	2.8	8.0	±	2.4	8.9	±	3.1
Creatine	48.0	±	23.2	43.7	±	23.0	40.5	±	26.7	46.7	±	19.0
Citrulline	35.8	±	9.9	32.2	±	9.4	31.9	±	9.6	32.3	±	9.3
Cystine	48.0	±	9.0	38.4	±	13.8	33.3	±	14.4	43.2	±	11.5
SDMA	0.59	±	0.18	0.56	±	0.14	0.57	±	0.15	0.54	±	0.13
Gly	203.1	±	79.4	183.8	±	57.2	195.6	±	61.5	173.0	±	51.7
Gln	559.4	±	75.7	547.2	±	87.9	538.4	±	84.8	555.3	±	91.5
Guanosine	0.35	±	0.44	0.36	±	0.63	0.26	±	0.61	0.44	±	0.64
γ-Glu-Ala	1.1	±	0.38	1.0	±	0.39	1.00	±	0.43	1.1	±	0.35
γ-Glu-Leu	0.39	±	0.14	0.36	±	0.14	0.35	±	0.12	0.37	±	0.15
γ-Glu-Gln+Norophthalmic acid	3.9	±	1.0	3.5	±	1.5	3.3	±	1.4	3.7	±	1.5
γ-Glu-Lys	1.2	±	0.42	1.0	±	0.35	0.98	±	0.32	1.1	±	0.38
Hypotaurine	3.5	±	8.0	3.5	±	4.2	2.6	±	1.2	4.4	±	5.6
His	76.4	±	13.5	77.0	±	16.0	75.4	±	16.6	78.5	±	15.6
Hydroxyproline	13.5	±	6.6	15.2	±	12.1	12.8	±	5.1	17.4	±	15.9
Inosine	3.2	±	3.1	3.1	±	4.4	2.1	±	3.8	4.0	±	4.8
Leu	120.0	±	35.4	117.4	±	29.1	117.6	±	25.9	117.2	±	32.3
Lys	181.0	±	42.9	172.1	±	46.7	170.4	±	48.4	173.6	±	46.0
Met	18.2	±	6.5	18.1	±	6.1	18.3	±	7.4	17.8	±	4.7
S-Methyl-L-cysteine	5.1	±	2.2	4.8	±	2.0	4.7	±	2.1	4.9	±	1.9
Pro	192.2	±	58.9	195.3	±	83.6	205.2	±	86.2	186.2	±	81.7
Phe	68.5	±	15.3	72.0	±	12.7	75.2	±	13.1	69.1	±	11.8
Thr	126.3	±	28.7	131.8	±	37.4	126.4	±	39.1	136.8	±	35.9
Taurine	123.0	±	76.8	113.6	±	47.4	109.0	±	44.8	117.9	±	50.1
Trp	47.6	±	11.5	48.1	±	10.8	47.8	±	11.5	48.4	±	10.3
Val	225.7	±	54.9	225.6	±	47.1	228.4	±	41.1	223.1	±	52.7

単位 μM	アトピー性皮膚炎									気管支喘息								
	全体			男			女			全体			男			女		
年齢	31.4	±	13.1	28.7	±	10.1	34.0	±	15.2	54.9	±	21.0	56.6	±	22.3	53.1	±	19.9
例数	50			25			25			50			25			25		
cis-Aconitate	2.5	±	1.3	2.4	±	0.81	2.6	±	1.6	2.7	±	0.81	2.8	±	0.93	2.6	±	0.67
N-Acetylaspartate	11.8	±	50.6	9.6	±	30.8	13.9	±	65.4	8.1	±	29.1	0.91	±	0.24	15.2	±	40.2
Gluconate	4.6	±	7.7	3.4	±	1.4	5.7	±	10.7	4.3	±	1.9	4.2	±	1.5	4.4	±	2.2
Lactate	2216.3	±	721.3	2545.0	±	686.6	1887.6	±	604.8	2574.8	±	1034.9	2670.0	±	1192.7	2479.6	±	863.4
Malate	5.7	±	2.5	6.3	±	3.0	5.1	±	1.8	6.7	±	2.5	7.4	±	2.5	6.0	±	2.3
2-Oxoglutarate	7.8	±	2.5	8.2	±	2.8	7.4	±	2.1	9.8	±	6.3	10.6	±	8.3	8.9	±	3.5
Pyruvate	51.2	±	28.2	52.0	±	24.4	50.5	±	32.1	70.6	±	37.3	69.9	±	36.4	71.2	±	39.0
Citrate	40.1	±	12.1	37.4	±	11.4	42.9	±	12.4	42.7	±	13.6	44.8	±	12.0	40.7	±	15.0
Isocitrate	0.68	±	0.75	0.58	±	0.29	0.79	±	1.0	0.74	±	0.35	0.77	±	0.40	0.72	±	0.31
Ala	399.7	±	106.3	405.7	±	89.0	393.7	±	122.8	431.5	±	93.9	432.2	±	86.9	430.8	±	102.3
Asn	51.5	±	11.7	52.1	±	11.6	50.9	±	12.0	49.4	±	11.0	48.7	±	10.2	50.1	±	11.8
N-Acetyl-D-glucosamine+N-Acetyl-D-mannosamine	1.9	±	1.2	2.3	±	1.1	1.4	±	1.2	2.5	±	1.6	2.5	±	1.5	2.5	±	1.6
2-Aminobutyrate	15.9	±	5.0	16.3	±	4.8	15.5	±	5.3	14.4	±	4.5	15.2	±	5.2	13.5	±	3.6
Acetyl carnitine	5.7	±	2.6	5.9	±	2.6	5.6	±	2.7	6.8	±	3.3	6.5	±	3.6	7.0	±	2.9
Creatine	46.8	±	21.0	39.2	±	21.7	54.4	±	17.4	51.1	±	21.9	49.3	±	21.8	53.0	±	22.3
Citrulline	29.3	±	14.5	28.3	±	5.3	30.2	±	20.0	33.8	±	9.2	36.1	±	9.2	31.5	±	8.8
Cystine	32.6	±	9.5	30.9	±	9.7	34.4	±	9.1	34.0	±	15.4	31.7	±	15.5	36.3	±	15.2
SDMA	0.51	±	0.39	0.48	±	0.10	0.53	±	0.55	0.52	±	0.13	0.55	±	0.15	0.50	±	0.10
Gly	171.5	±	50.7	172.1	±	42.9	170.9	±	58.4	169.8	±	59.4	161.2	±	53.5	178.4	±	64.8
Gln	526.5	±	85.4	537.9	±	81.9	515.2	±	88.9	533.6	±	77.5	551.2	±	74.1	516.0	±	78.2
Guanosine	0.69	±	0.78	0.51	±	0.74	0.88	±	0.79	0.65	±	0.77	0.55	±	0.68	0.74	±	0.86
γ-Glu-Ala	1.2	±	0.46	1.3	±	0.42	1.1	±	0.48	1.2	±	0.33	1.3	±	0.36	1.1	±	0.28
γ-Glu-Leu	0.32	±	0.14	0.36	±	0.09	0.27	±	0.16	0.41	±	0.18	0.49	±	0.19	0.34	±	0.14
γ-Glu-Gln+Norophthalmic acid	4.2	±	1.4	4.7	±	1.5	3.7	±	0.96	4.0	±	1.2	4.2	±	1.1	3.7	±	1.3
γ-Glu-Lys	1.1	±	0.47	1.2	±	0.58	0.92	±	0.28	1.2	±	0.62	1.4	±	0.77	1.0	±	0.33
Hypotaurine	3.9	±	4.0	3.6	±	1.7	4.1	±	5.5	3.6	±	4.0	4.0	±	4.2	3.3	±	3.8
His	82.1	±	13.5	82.2	±	12.2	82.0	±	14.9	80.8	±	14.7	80.8	±	13.0	80.9	±	16.5
Hydroxyproline	13.7	±	6.9	14.7	±	8.5	12.7	±	4.8	17.5	±	33.6	21.8	±	47.0	13.3	±	8.2
Inosine	4.8	±	5.1	3.7	±	5.0	5.8	±	5.0	5.6	±	6.5	4.3	±	5.5	7.0	±	7.3
Leu	116.0	±	27.6	121.1	±	23.0	110.8	±	31.3	124.4	±	41.4	132.2	±	43.6	116.6	±	38.3
Lys	169.2	±	40.3	167.5	±	35.9	170.9	±	44.9	187.3	±	51.1	191.7	±	53.9	182.9	±	48.9
Met	17.6	±	6.2	17.3	±	5.2	17.9	±	7.2	18.4	±	6.8	19.8	±	5.8	17.1	±	7.5
S-Methyl-L-cysteine	3.9	±	1.1	4.0	±	1.2	3.8	±	1.1	3.9	±	1.3	3.9	±	1.4	3.9	±	1.1
Pro	186.9	±	66.8	188.6	±	50.2	185.2	±	81.1	197.7	±	71.1	205.8	±	77.2	189.6	±	64.9
Phe	60.6	±	11.6	60.0	±	10.0	61.2	±	13.2	65.2	±	13.6	66.8	±	16.0	63.6	±	10.8
Thr	141.3	±	39.8	136.1	±	35.6	146.6	±	43.8	125.9	±	29.5	125.6	±	21.7	126.1	±	36.1
Taurine	122.8	±	41.6	139.3	±	42.2	106.3	±	34.5	124.1	±	48.2	121.8	±	42.3	126.4	±	54.2
Trp	50.6	±	9.5	51.5	±	7.9	49.7	±	11.0	53.0	±	10.6	51.9	±	8.6	54.1	±	12.3
Val	225.5	±	45.2	236.2	±	42.1	214.7	±	46.4	240.7	±	62.9	253.7	±	68.0	227.8	±	55.7

単位 μM	肺気腫									間質性肺炎・肺線維症								
	全体			男			女			全体			男			女		
年齢	74.2	±	8.3	75.1	±	7.6	73.2	±	9.0	68.6	±	8.8	66.9	±	8.9	70.3	±	8.6
例数	50			25			25			50			25			25		
cis-Aconitate	3.2	±	1.2	3.5	±	1.4	2.9	±	0.93	2.7	±	0.81	2.6	±	0.87	2.7	±	0.75
N-Acetylaspartate	9.9	±	36.0	18.7	±	49.9	1.1	±	0.40	8.1	±	28.0	10.3	±	31.8	5.9	±	24.1
Gluconate	5.0	±	1.7	5.1	±	2.1	4.8	±	1.3	4.7	±	1.4	4.6	±	1.7	4.8	±	1.2
Lactate	2498.9	±	1047.5	2557.3	±	1211.1	2440.5	±	875.4	2629.4	±	1030.1	2846.5	±	1083.3	2412.3	±	945.9
Malate	7.4	±	3.2	8.0	±	3.4	6.7	±	2.9	7.0	±	2.9	6.9	±	2.7	7.1	±	3.1
2-Oxoglutarate	9.3	±	3.2	9.3	±	3.5	9.2	±	3.0	10.4	±	4.9	11.0	±	6.3	9.8	±	2.9
Pyruvate	57.2	±	42.6	49.0	±	29.1	65.4	±	52.1	68.2	±	54.9	74.7	±	71.1	61.7	±	31.8
Citrate	48.0	±	16.7	48.8	±	18.0	47.2	±	15.6	42.7	±	11.8	41.4	±	12.7	44.0	±	11.0
Isocitrate	0.93	±	0.59	0.94	±	0.77	0.93	±	0.34	0.78	±	0.39	0.76	±	0.39	0.79	±	0.39
Ala	438.8	±	109.3	465.4	±	105.9	412.1	±	108.1	448.8	±	91.8	455.6	±	95.9	442.0	±	88.9
Asn	50.5	±	11.1	52.3	±	11.5	48.8	±	10.7	50.4	±	11.5	50.0	±	9.7	50.9	±	13.2
N-Acetyl-D-glucosamine+N-Acetyl-D-mannosamine	2.4	±	1.2	2.6	±	0.99	2.1	±	1.3	2.2	±	1.4	2.3	±	1.5	2.2	±	1.3
2-Aminobutyrate	13.2	±	3.8	14.3	±	4.1	12.2	±	3.2	16.3	±	5.6	17.5	±	5.1	15.2	±	5.8
Acetyl carnitine	7.4	±	3.2	7.8	±	3.5	6.9	±	2.9	7.7	±	4.1	7.9	±	4.0	7.5	±	4.3
Creatine	46.6	±	29.0	41.5	±	32.7	51.7	±	24.3	52.1	±	26.8	44.5	±	27.1	59.6	±	24.9
Citrulline	38.8	±	9.9	39.8	±	9.5	37.7	±	10.4	35.2	±	13.4	33.5	±	13.0	36.8	±	13.8
Cystine	40.4	±	15.0	44.8	±	13.4	36.0	±	15.5	47.2	±	12.0	49.5	±	11.1	44.9	±	12.6
SDMA	0.62	±	0.17	0.69	±	0.20	0.54	±	0.10	0.56	±	0.19	0.57	±	0.25	0.55	±	0.13
Gly	179.3	±	56.9	164.1	±	48.4	194.4	±	61.5	152.3	±	44.7	143.4	±	35.0	161.1	±	51.8
Gln	552.2	±	77.5	558.6	±	81.1	545.9	±	74.9	534.0	±	74.3	514.5	±	78.9	553.6	±	65.3
Guanosine	0.38	±	0.57	0.31	±	0.44	0.46	±	0.68	0.43	±	0.62	0.43	±	0.73	0.43	±	0.50
γ-Glu-Ala	1.3	±	0.46	1.4	±	0.49	1.2	±	0.40	1.2	±	0.35	1.2	±	0.37	1.2	±	0.34
γ-Glu-Leu	0.39	±	0.19	0.44	±	0.18	0.34	±	0.19	0.38	±	0.17	0.42	±	0.15	0.34	±	0.18
γ-Glu-Gln+Norophthalmic acid	4.4	±	1.4	4.7	±	1.7	4.0	±	0.93	3.9	±	1.0	3.8	±	1.1	4.0	±	0.94
γ-Glu-Lys	1.3	±	0.48	1.4	±	0.55	1.2	±	0.36	1.2	±	0.49	1.2	±	0.36	1.2	±	0.59
Hypotaurine	4.0	±	4.0	3.5	±	1.6	4.5	±	5.4	3.6	±	4.5	3.8	±	5.6	3.5	±	3.1
His	77.2	±	15.6	82.7	±	15.0	71.8	±	14.5	75.0	±	11.6	76.1	±	11.1	73.9	±	12.1
Hydroxyproline	12.9	±	9.8	11.8	±	4.4	14.0	±	13.2	13.0	±	8.5	15.1	±	10.8	10.8	±	4.6
Inosine	4.0	±	5.2	4.1	±	5.5	4.0	±	5.0	2.9	±	3.7	2.8	±	4.4	3.1	±	3.0
Leu	114.1	±	35.1	127.5	±	32.8	100.7	±	32.7	118.9	±	36.9	124.1	±	34.7	113.7	±	38.9
Lys	181.3	±	47.7	188.4	±	41.6	174.1	±	52.9	194.9	±	50.1	204.1	±	42.6	185.7	±	56.0
Met	17.2	±	5.4	17.6	±	4.8	16.8	±	5.9	17.5	±	6.8	18.1	±	6.0	17.0	±	7.7
S-Methyl-L-cysteine	4.3	±	1.6	4.5	±	1.9	4.0	±	1.3	4.5	±	2.3	4.5	±	2.1	4.6	±	2.5
Pro	193.6	±	69.7	205.0	±	70.5	182.1	±	68.3	196.4	±	87.2	205.4	±	67.2	187.3	±	104.2
Phe	69.0	±	15.8	73.5	±	16.7	64.5	±	13.7	68.4	±	16.3	69.1	±	12.8	67.7	±	19.5
Thr	121.7	±	30.5	127.5	±	28.4	115.9	±	32.0	123.3	±	33.0	126.7	±	33.1	119.8	±	33.2
Taurine	130.1	±	63.5	128.1	±	47.6	132.1	±	77.2	141.0	±	65.9	131.1	±	48.4	150.9	±	79.5
Trp	46.1	±	11.0	48.2	±	10.3	43.9	±	11.3	47.9	±	11.6	49.8	±	10.5	46.1	±	12.6
Val	222.1	±	50.9	238.8	±	47.2	205.4	±	49.8	240.3	±	60.6	250.3	±	58.0	230.2	±	62.7

単位 μM	緑内障									関節リュウマチ								
	全体			男			女			全体			男			女		
年齢	67.7	±	15.8	64.8	±	14.9	70.8	±	16.5	61.7	±	12.2	66.0	±	10.5	60.0	±	12.6
例数	50			26			24			50			14			36		
cis-Aconitate	2.8	±	0.84	2.6	±	0.76	3.0	±	0.87	2.4	±	0.79	2.1	±	0.69	2.5	±	0.81
N-Acetylaspartate	7.6	±	26.6	9.9	±	31.9	5.1	±	19.8	7.2	±	25.2	7.9	±	26.0	7.0	±	25.2
Gluconate	5.3	±	3.0	4.5	±	2.2	6.1	±	3.5	6.3	±	10.0	4.9	±	2.1	6.8	±	11.7
Lactate	2229.2	±	1029.3	2360.0	±	1123.0	2087.4	±	919.7	2194.5	±	1035.6	2197.0	±	919.3	2193.5	±	1089.7
Malate	6.9	±	3.3	6.7	±	3.2	7.1	±	3.4	5.7	±	2.2	5.2	±	2.1	5.9	±	2.2
2-Oxoglutarate	8.9	±	3.4	8.9	±	3.3	8.9	±	3.7	8.6	±	3.6	8.5	±	2.6	8.6	±	4.0
Pyruvate	58.6	±	42.5	65.2	±	51.5	51.5	±	29.5	64.0	±	33.1	71.4	±	29.1	61.1	±	34.5
Citrate	47.0	±	14.6	41.4	±	13.1	53.0	±	14.0	39.5	±	11.8	33.8	±	9.8	41.8	±	11.8
Isocitrate	0.85	±	0.44	0.80	±	0.45	0.91	±	0.42	0.74	±	0.43	0.62	±	0.27	0.78	±	0.47
Ala	443.7	±	97.2	459.0	±	89.1	427.1	±	104.6	431.2	±	93.4	428.0	±	96.8	432.5	±	93.4
Asn	52.1	±	10.1	50.5	±	7.6	53.8	±	12.2	49.6	±	11.1	48.4	±	9.5	50.0	±	11.8
N-Acetyl-D-glucosamine+N-Acetyl-D-mannosamine	2.6	±	1.4	2.9	±	1.4	2.3	±	1.4	2.0	±	1.5	1.6	±	0.87	2.1	±	1.7
2-Aminobutyrate	17.1	±	6.2	19.2	±	6.9	14.8	±	4.5	14.6	±	4.6	12.8	±	4.3	15.3	±	4.5
Acetyl carnitine	7.6	±	3.6	7.9	±	4.2	7.2	±	2.8	6.9	±	3.2	6.9	±	2.6	7.0	±	3.4
Creatine	48.6	±	22.9	42.2	±	21.2	55.4	±	23.0	56.0	±	29.6	43.5	±	29.7	60.9	±	28.5
Citrulline	39.8	±	11.2	39.6	±	11.0	39.9	±	11.7	37.7	±	21.8	34.6	±	16.7	38.8	±	23.6
Cystine	43.5	±	14.0	43.9	±	14.0	43.1	±	14.3	47.4	±	14.2	46.0	±	12.7	48.0	±	14.9
SDMA	0.59	±	0.31	0.61	±	0.40	0.57	±	0.16	0.62	±	0.64	0.54	±	0.14	0.65	±	0.75
Gly	176.6	±	56.1	172.4	±	53.7	181.2	±	59.5	155.8	±	44.0	136.1	±	33.0	163.5	±	45.7
Gln	548.3	±	69.5	531.5	±	49.4	566.5	±	83.6	530.8	±	80.6	522.1	±	110.6	534.2	±	67.2
Guanosine	0.41	±	0.53	0.38	±	0.61	0.44	±	0.45	1.00	±	1.1	1.0	±	0.93	0.99	±	1.1
γ-Glu-Ala	1.2	±	0.31	1.2	±	0.32	1.2	±	0.30	1.1	±	0.37	1.0	±	0.45	1.1	±	0.34
γ-Glu-Leu	0.41	±	0.15	0.44	±	0.15	0.37	±	0.13	0.37	±	0.17	0.40	±	0.19	0.36	±	0.16
γ-Glu-Gln+Norophthalmic acid	3.7	±	1.1	3.6	±	1.1	3.7	±	1.1	3.6	±	1.3	3.5	±	1.9	3.6	±	0.96
γ-Glu-Lys	1.2	±	0.40	1.3	±	0.39	1.1	±	0.40	1.2	±	0.52	1.0	±	0.48	1.2	±	0.53
Hypotaurine	3.7	±	4.8	2.9	±	1.3	4.7	±	6.7	4.4	±	8.1	3.1	±	2.1	4.8	±	9.4
His	81.3	±	11.8	83.6	±	12.9	78.8	±	10.2	71.6	±	14.6	72.6	±	17.1	71.2	±	13.8
Hydroxyproline	12.3	±	4.7	13.1	±	5.2	11.4	±	4.0	12.8	±	7.5	14.7	±	10.1	12.1	±	6.2
Inosine	3.8	±	4.1	3.6	±	4.6	4.0	±	3.7	7.1	±	7.7	7.3	±	6.4	7.0	±	8.3
Leu	127.0	±	34.3	136.2	±	30.6	116.9	±	35.9	115.7	±	34.9	129.1	±	46.3	110.5	±	28.5
Lys	189.2	±	48.2	199.7	±	40.3	177.8	±	54.1	180.0	±	39.7	184.9	±	51.0	178.2	±	34.9
Met	17.6	±	5.2	18.5	±	5.3	16.6	±	5.0	17.2	±	6.2	18.8	±	6.4	16.6	±	6.1
S-Methyl-L-cysteine	4.5	±	2.1	4.8	±	2.4	4.2	±	1.6	4.0	±	1.3	3.9	±	1.5	4.0	±	1.3
Pro	181.6	±	38.1	190.9	±	35.4	171.6	±	39.2	199.0	±	85.1	227.9	±	121.6	187.8	±	64.6
Phe	71.1	±	13.0	70.2	±	13.9	72.1	±	12.0	74.2	±	21.8	79.2	±	23.5	72.2	±	21.2
Thr	124.8	±	26.2	128.5	±	24.9	120.8	±	27.6	129.4	±	36.9	128.4	±	29.0	129.8	±	40.0
Taurine	134.0	±	94.9	122.7	±	49.2	146.3	±	127.5	115.1	±	45.8	109.9	±	49.9	117.2	±	44.7
Trp	49.9	±	9.9	51.6	±	9.2	48.1	±	10.5	46.7	±	10.1	47.5	±	10.0	46.4	±	10.2
Val	244.5	±	52.9	259.1	±	50.3	228.6	±	52.0	229.9	±	52.2	254.1	±	67.1	220.5	±	42.6