HOKKAIDO UNIVERSITY

Title	Determination of Serum 25-Hydroxyvitamin D-3 by LC/MS/MS and Its Monthly Variation in Sapporo Indoor Workers
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Supporting Information

Table S1. The age and gender information of volunteers

No.	Age	Sex	No.	Age	Sex
01	40	F	12	40	M
02	28	M	13	34	M
03	26	M	14	25	F
04	26	M	15	30	F
05	34	M	16	31	M
06	27	F	17	41	F
07	51	M	18	36	F
08	32	F	19	32	F
09	57	M	20	35	F
10	30	M	21	31	F
11	27	M	22	47	F

Table S2. Sunshine duration and UV-B radiation at Sapporo

Month	Jan	Feb	Mar	Apr	May	Jun
Sunshine duration ($h \cdot month^{-1}$)	87.80	111.10	116.10	128.10	142.10	233.20
UV-B radiation ($kJ \cdot m^{-2}$)	1.96	4.13	7.79	11.24	16.21	25.10
Month	Jul	Aug	Sep	Oct	Nov	Dec
Sunshine duration ($h \cdot month^{-1}$)	215.40	142.00	149.60	125.20	98.70	75.20
UV-B radiation ($kJ \cdot m^{-2}$)	24.99	18.80	13.50	7.84	2.75	1.53

Table S3. 25(OH)D_3 concentration in tested volunteers (ng/mL)

No.	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
No.01	10.79	15.74	20.48	N/A	18.52	17.92	12.75	10.21	9.67	9.16	10.12	14.55
No.02	14.16	17.17	16.63	15.14	NA	24.08	26.40	N/A	33.73	23.32	14.39	18.11
No.03	13.87	11.53	10.12	8.17	8.08	10.44	15.22	15.26	14.57	12.17	13.14	9.77
No.04	13.29	13.54	12.41	15.73	16.80	14.36	13.78	18.60	15.80	15.77	13.89	18.71
No.05	8.44	9.07	7.48	6.29	17.49	13.15	14.13	12.77	10.15	10.10	10.57	9.19
No.06	6.16	4.88	8.05	12.56	12.56	7.46	9.41	8.33	10.75	12.56	7.56	11.63
No.07	18.49	20.03	12.05	13.79	15.10	22.47	17.79	19.06	22.96	23.28	20.14	12.67
No.08	7.95	8.82	5.89	6.46	6.76	14.48	13.51	10.63	9.64	11.50	9.13	9.06
No.09	16.87	10.21	9.45	12.23	12.05	12.79	10.35	29.16	18.68	20.63	12.93	16.08
No.10	14.39	19.25	15.10	16.51	18.08	20.42	17.41	N/A	16.75	19.46	N/A	13.16
No.11	8.65	10.27	11.11	8.19	12.17	10.75	14.17	11.87	13.31	7.93	9.81	9.54
No.12	13.99	9.90	12.62	13.83	12.46	18.37	15.29	19.04	17.30	15.20	14.01	17.53
No.13	11.06	10.69	9.55	8.16	12.32	15.28	22.07	15.72	21.01	16.38	15.37	11.75
No.14	17.07	17.57	15.66	22.89	16.86	17.81	23.03	26.04	23.35	18.20	21.14	18.26
No.15	18.19	11.84	15.05	13.64	16.23	14.85	14.07	15.29	12.83	18.10	12.41	11.11
No.16	7.23	5.08	4.52	5.32	7.38	8.52	11.33	11.65	9.10	8.05	7.70	4.98
No.17	12.26	12.75	11.69	11.09	9.65	13.93	15.71	N/A	15.86	13.07	13.12	16.08
No.18	7.38	5.08	7.36	6.19	8.58	8.01	8.57	7.07	9.38	7.21	7.14	6.58
No.19	12.82	6.20	5.97	9.00	7.68	5.94	9.69	7.82	11.12	8.83	10.16	9.42
No.20	10.91	9.60	9.70	10.08	9.44	13.77	11.54	13.83	12.59	11.66	10.51	5.84
No.21	9.94	7.74	9.48	10.55	10.13	9.10	14.80	16.25	11.25	15.44	8.84	11.19
No.22	12.38	12.08	8.88	10.08	10.10	10.12	12.35	17.71	11.43	19.54	13.91	11.37

N/A: Not available.

Fig. S1. The calibration curve under the current LC/MS condition

