

Supplement 1. Characteristics of the population studied.

Sex:	Male	Female					
	250	248					
Age in years:	18–29	30–39	40–49	50–59	60–69	70–79	80–86
	126	69	83	108	27	75	10
Body mass index (BMI):	< 19.9	20.0–24.9	25.0–29.9	> 30	N/A		
	39	256	176	24	3		
Residence country:	Denmark	Finland	Iceland	Norway	Sweden		
	98	148	9	138	105		
Alcohol consumption last week:	0 units	1–21 units	> 21 units	N/A			
	215	270	3	10			
Active smoking (cig. daily):	0	1–5	> 5	N/A			
	411	20	43	24			

Supplement 2. Sample controls used in the study.

CEA	SERO 1	SERO 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	63	64	64	16	16	16
Level:	4.00	23.19	1.95	1.32	2.53	1.58
Standard deviation	0.18	0.81	0.10	0.08	0.19	0.12
%CV	4.55	3.49	5.29	5.78	7.61	7.29
CA125	SERO 1	SERO 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	63	64	64	14	15	14
Level:	35.50	169.77	11.09	9.46	17.87	10.63
Standard deviation	1.73	10.58	0.77	0.60	0.76	0.66
%CV	4.88	6.23	6.98	6.33	4.23	6.17
MUC1	SERO 1	SERO 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	64	60	60	16	14	16
Level:	27.08	60.09	15.47	10.08	20.04	14.54
Standard deviation	1.44	2.58	0.79	1.22	1.42	1.56
%CV	5.31	4.29	5.10	12.07	7.11	10.71
AFP	SERO 1	SERO 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	62	64	64	7	7	7
Level:	7.94	213.73	3.12	2.03	3.8	2.94
Standard deviation	0.2	5.29	0.15	0.08	0.12	0.1
%CV	2.53	2.48	4.91	3.78	3.24	3.5
NSE	In-house 1	In-house 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	62	64	51	14	14	14
Level:	11.05	53.07	7.01	4.51	8.27	7.00
Standard deviation	0.60	3.50	1.12	0.76	0.57	0.66
%CV	5.42	6.61	16.01	16.78	6.88	9.38
CA 19.9	SERO 1	SERO 2	KTR X	KTR L	KTR H	KTR P
Number of controls:	16	11	50	11	11	11
Level:	29.37	82.7	7.74	6.24	10.17	7.42
Standard deviation	1.57	4.54	0.59	2.52	0.76	0.39
%CV	5.35	5.48	7.56	40.36	7.42	5.21