

SND Svensk Nationell Datatjänst



Effect of food intake on 92 biomarkers for cardiovascular disease

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Vetenskapsrådet



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Table of Contents

Overview..... 4

Scope & Coverage..... 4

Producers & Sponsors..... 4

Sampling..... 4

Data Collection..... 4

File Description(s)..... 5

Variables List..... 6

 SND1024-001_v001..... 6

Variables Description.....

Effect of food intake on 92 biomarkers for cardiovascular disease

Effekt av matintag på 92 kardiovaskulära biomarkörer

Overview

Identification SND1024-001en

Abstract

Objective: The present study evaluates the effect of food intake on 92 biomarkers for cardiovascular disease (CVD). **Methods:** Twenty two healthy subjects (11 male and 11 female aged 25.9±4.2 years) were investigated. A total of 92 biomarkers were measured before a standardized meal as well as 30 and 120 minutes afterwards with the Proseek Multiplex CVD III kit. **Results:** The levels for eight biomarkers decreased significantly ($P<0.05$) 30 minutes after food intake. The levels for seven biomarkers remained significantly decreased 120 minutes after food intake. Nine biomarker decreased significantly at 120 minutes after food intake. The changes were between 4-30%, most commonly around 5%. Only six biomarkers showed a difference of 10% or more due to food intake. The biggest differences were observed for Insulin-like growth factor-binding protein 1 (30%); Azurocidin, Cystatin-B, and Myeloperoxidase (13%); Monocyte chemotactic protein 1 (11%); and Myeloblastin (10%), all 120 minutes after food intake. **Conclusions:** This study shows that food intake affects several different CVD biomarkers, but the effect is predominantly modest. Timing of blood sampling in relation to food intake, therefore, appears not to be a major concern. Further studies are warranted in older healthy subjects and in patients with various cardiac diseases to determine whether the findings are reproducible.

Unit of Analysis Individual

Scope & Coverage

Keywords cardiovascular disease, biomarkers, food intake

Topics HEALTH, Medical and Health Sciences

Countries Sweden

Universe
Healty subjects

Producers & Sponsors

Primary Investigator(s) Dencker, Magnus Skåne University Hospital, Malmö, Lund University

Other Producer(s) Skåne University Hospital, Department of Medical Imaging and Physiology

Sampling

Sampling Procedure
Total universe

Data Collection

Data Collection Mode Measurements and tests

File Description(s)

Dataset contains 1 file(s)

SND1024-001_v001	
Cases	22
Variable(s)	284

Variables List

Dataset contains 284 variable(s)

File SND1024-001_v001

	Name	Label	Question
1	SND_study	SND-study 1024	-
2	SND_dataset..	SND-dataset 1024-001	-
3	SND_version..	SND-version 1.0	-
4	SEX_mal_1_fe..	Sex	-
5	HEIGHT_	Height	-
6	WEIGHT_	Weight	-
7	BMI	Body Mass Index (BMI)	-
8	BSA	Body Surface Area (BSA)	-
9	v101_TNFRSF14..	Tumor necrosis factor receptor superfamily member 14 (Before food intake)	-
10	v101b_TNFRSF1..	Tumor necrosis factor receptor superfamily member 14 (30 minutes after food intake)	-
11	v101c_TNFRSF1..	Tumor necrosis factor receptor superfamily member 14 (120 minutes after food intake)	-
12	v102_LDL_rece..	Low-density lipoprotein receptor (Before food intake)	-
13	v102b_LDL_rec..	Low-density lipoprotein receptor (30 minutes after food intake)	-
14	v102c_LDL_rec..	Low-density lipoprotein receptor (120 minutes after food intake)	-
15	v103_ITGB2	Integrin beta-2 (Before food intake)	-
16	v103b_ITGB2..	Integrin beta-2 (30 minutes after food intake)	-
17	v103c_ITGB2..	Integrin beta-2 (120 minutes after food intake)	-
18	v105_IL_17RA..	Interleukin-17 receptor A (Before food intake)	-
19	v105b_IL_17RA..	Interleukin-17 receptor A (30 minutes after food intake)	-
20	v105c_IL_17RA..	Interleukin-17 receptor A (120 minutes after food intake)	-
21	v106_TNF_R2..	Tumor necrosis factor receptor 2 (Before food intake)	-
22	v106b_TNF_R2..	Tumor necrosis factor receptor 2 (30 minutes after food intake)	-
23	v106c_TNF_R2..	Tumor necrosis factor receptor 2 (120 minutes after food intake)	-
24	v107_MMP_9	Matrix metalloproteinase-9 (Before food intake)	-
25	v107b_MMP_9..	Matrix metalloproteinase-9 (30 minutes after food intake)	-
26	v107c_MMP_9..	Matrix metalloproteinase-9 (120 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
27	v108_EPHB4	Ephrin type-B receptor 4 (Before food intake)	-
28	v108b_EPHB4..	Ephrin type-B receptor 4 (30 minutes after food intake)	-
29	v108c_EPHB4..	Ephrin type-B receptor 4 (120 minutes after food intake)	-
30	v109_IL2_RA..	Interleukin-2 receptor subunit alpha (Before food intake)	-
31	v109b_IL2_RA..	Interleukin-2 receptor subunit alpha (30 minutes after food intake)	-
32	v109c_IL2_RA..	Interleukin-2 receptor subunit alpha (120 minutes after food intake)	-
33	v110_OPG	Osteoprotegerin (Before food intake)	-
34	v110b_OPG	Osteoprotegerin (30 minutes after food intake)	-
35	v110c_OPG	Osteoprotegerin (120 minutes after food intake)	-
36	v111_ALCAM	CD166 antigen (Before food intake)	-
37	v111b_ALCAM..	CD166 antigen (30 minutes after food intake)	-
38	v111c_ALCAM..	CD166 antigen (120 minutes after food intake)	-
39	v112_TFF3	Trefoil factor 3 (Before food intake)	-
40	v112b_TFF3	Trefoil factor 3 (30 minutes after food intake)	-
41	v112c_TFF3	Trefoil factor 3 (120 minutes after food intake)	-
42	v113_SELPL	P-selectin (Before food intake)	-
43	v113b_SELPL	P-selectin (30 minutes after food intake)	-
44	v113c_SELPL	P-selectin (120 minutes after food intake)	-
45	v114_CSTB	Cystatin-B (Before food intake)	-
46	v114b_CSTB	Cystatin-B (30 minutes after food intake)	-
47	v114c_CSTB	Cystatin-B (120 minutes after food intake)	-
48	v115_MCP_1	Monocyte chemotactic protein 1 (Before food intake)	-
49	v115b_MCP_1..	Monocyte chemotactic protein 1 (30 minutes after food intake)	-
50	v115c_MCP_1..	Monocyte chemotactic protein 1 (120 minutes after food intake)	-
51	v116_CD163	Scavenger receptor cysteine-rich type 1 protein M130 (Before food intake)	-
52	v116b_CD163..	Scavenger receptor cysteine-rich type 1 protein M130 (30 minutes after food intake)	-
53	v116c_CD163..	Scavenger receptor cysteine-rich type 1 protein M130 (120 minutes after food intake)	-
54	v117_Gal_3	Galectin-3 (Before food intake)	-
55	v117b_Gal_3..	Galectin-3 (30 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
56	v117c_Gal_3..	Galectin-3 (120 minutes after food intake)	-
57	v118_GRN	Granulins (Before food intake)	-
58	v118b_GRN	Granulins (30 minutes after food intake)	-
59	v118c_GRN	Granulins (120 minutes after food intake)	-
60	v120_MEPE	Matrix extracellular phosphoglycoprotein (Before food intake)	-
61	v120b_MEPE	Matrix extracellular phosphoglycoprotein (30 minutes after food intake)	-
62	v120c_MEPE	Matrix extracellular phosphoglycoprotein (120 minutes after food intake)	-
63	v121_BLM_hydr..	Bleomycin hydrolase (Before food intake)	-
64	v121b_BLM_hyd..	Bleomycin hydrolase (30 minutes after food intake)	-
65	v121c_BLM_hyd..	Bleomycin hydrolase (120 minutes after food intake)	-
66	v122_PLC	Perlecan (Before food intake)	-
67	v122b_PLC	Perlecan (30 minutes after food intake)	-
68	v122c_PLC	Perlecan (120 minutes after food intake)	-
69	v123_LTBR	Lymphotoxin-beta receptor (Before food intake)	-
70	v123b_LTBR	Lymphotoxin-beta receptor (30 minutes after food intake)	-
71	v123c_LTBR	Lymphotoxin-beta receptor (120 minutes after food intake)	-
72	v124_Notch_3..	Neurogenic locus notch homolog protein 3 (Before food intake)	-
73	v124b_Notch_3..	Neurogenic locus notch homolog protein 3 (30 minutes after food intake)	-
74	v124c_Notch_3..	Neurogenic locus notch homolog protein 3 (120 minutes after food intake)	-
75	v125_TIMP4	Metalloproteinase inhibitor 4 (Before food intake)	-
76	v125b_TIMP4..	Metalloproteinase inhibitor 4 (30 minutes after food intake)	-
77	v125c_TIMP4..	Metalloproteinase inhibitor 4 (120 minutes after food intake)	-
78	v126_CNTN1	Contactin-1 (Before food intake)	-
79	v126b_CNTN1..	Contactin-1 (30 minutes after food intake)	-
80	v126c_CNTN1..	Contactin-1 (120 minutes after food intake)	-
81	v127_CDH5	Cadherin-5 (Before food intake)	-
82	v127b_CDH5	Cadherin-5 (30 minutes after food intake)	-
83	v127c_CDH5	Cadherin-5 (120 minutes after food intake)	-
84	v128_TLT_2	Trem-like transcript 2 protein (Before food intake)	-
85	v128b_TLT_2..	Trem-like transcript 2 protein (30 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
86	v128c_TLT_2..	Trem-like transcript 2 protein (120 minutes after food intake)	-
87	v129_FABP4	Fatty acid-binding protein, adipocyte (Before food intake)	-
88	v129b_FABP4..	Fatty acid-binding protein, adipocyte (30 minutes after food intake)	-
89	v129c_FABP4..	Fatty acid-binding protein, adipocyte (120 minutes after food intake)	-
90	v130_TFPI	Tissue factor pathway inhibitor (Before food intake)	-
91	v130b_TFPI	Tissue factor pathway inhibitor (30 minutes after food intake)	-
92	v130c_TFPI	Tissue factor pathway inhibitor (120 minutes after food intake)	-
93	v131_PAI	Plasminogen activator inhibitor 1 (Before food intake)	-
94	v131b_PAI	Plasminogen activator inhibitor 1 (30 minutes after food intake)	-
95	v131c_PAI	Plasminogen activator inhibitor 1 (120 minutes after food intake)	-
96	v132_CCL24	C-C motif chemokine 24 (Before food intake)	-
97	v132b_CCL24..	C-C motif chemokine 24 (30 minutes after food intake)	-
98	v132c_CCL24..	C-C motif chemokine 24 (120 minutes after food intake)	-
99	v133_TR	Transferrin receptor protein 1 (Before food intake)	-
100	v133b_TR	Transferrin receptor protein 1 (30 minutes after food intake)	-
101	v133c_TR	Transferrin receptor protein 1 (120 minutes after food intake)	-
102	v134_TNFRSF10..	Tumor necrosis factor receptor superfamily member 10C (Before food intake)	-
103	v134b_TNFRSF1..	Tumor necrosis factor receptor superfamily member 10C (30 minutes after food intake)	-
104	v134c_TNFRSF1..	Tumor necrosis factor receptor superfamily member 10C (120 minutes after food intake)	-
105	v135_GDF_15..	Growth/differentiation factor 15 (Before food intake)	-
106	v135b_GDF_15..	Growth/differentiation factor 15 (30 minutes after food intake)	-
107	v135c_GDF_15..	Growth/differentiation factor 15 (120 minutes after food intake)	-
108	v136_SELE	E-selectin (Before food intake)	-
109	v136b_SELE	E-selectin (30 minutes after food intake)	-
110	v136c_SELE	E-selectin (120 minutes after food intake)	-
111	v137_AZU1	Azurocidin (Before food intake)	-
112	v137b_AZU1	Azurocidin (30 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
113	v137c_AZU1	Azurocidin (120 minutes after food intake)	-
114	v138_DLK_1	Protein delta homolog 1 (Before food intake)	-
115	v138b_DLK_1..	Protein delta homolog 1 (30 minutes after food intake)	-
116	v138c_DLK_1..	Protein delta homolog 1 (120 minutes after food intake)	-
117	v139_SPON1	Spondin-1 (Before food intake)	-
118	v139b_SPON1..	Spondin-1 (30 minutes after food intake)	-
119	v139c_SPON1..	Spondin-1 (120 minutes after food intake)	-
120	v140_MPO	Myeloperoxidase (Before food intake)	-
121	v140b_MPO	Myeloperoxidase (30 minutes after food intake)	-
122	v140c_MPO	Myeloperoxidase (120 minutes after food intake)	-
123	v141_CXCL16..	C-X-C motif chemokine 16 (Before food intake)	-
124	v141b_CXCL16..	C-X-C motif chemokine 16 (30 minutes after food intake)	-
125	v141c_CXCL16..	C-X-C motif chemokine 16 (120 minutes after food intake)	-
126	v142_IL_6RA..	Interleukin-6 receptor subunit alpha (Before food intake)	-
127	v142b_IL_6RA..	Interleukin-6 receptor subunit alpha (30 minutes after food intake)	-
128	v142c_IL_6RA..	Interleukin-6 receptor subunit alpha (120 minutes after food intake)	-
129	v143_RETN	Resistin (Before food intake)	-
130	v143b_RETN	Resistin (30 minutes after food intake)	-
131	v143c_RETN	Resistin (120 minutes after food intake)	-
132	v144_IGFBP_1..	Insulin-like growth factor-binding protein 1 (Before food intake)	-
133	v144b_IGFBP_1..	Insulin-like growth factor-binding protein 1 (30 minutes after food intake)	-
134	v144c_IGFBP_1..	Insulin-like growth factor-binding protein 1 (120 minutes after food intake)	-
135	v145_CHIT1	Chitotriosidase-1 (Before food intake)	-
136	v145b_CHIT1..	Chitotriosidase-1 (30 minutes after food intake)	-
137	v145c_CHIT1..	Chitotriosidase-1 (120 minutes after food intake)	-
138	v148_TR_AP	Tartrate-resistant acid phosphatase type 5 (Before food intake)	-
139	v148b_TR_AP..	Tartrate-resistant acid phosphatase type 5 (30 minutes after food intake)	-
140	v148c_TR_AP..	Tartrate-resistant acid phosphatase type 5 (120 minutes after food intake)	-
141	v149_CCL22	C-C motif chemokine 22 (Before food intake)	-

File SND1024-001_v001

	Name	Label	Question
142	v149b_CCL22_..	C-C motif chemokine 22 (30 minutes after food intake)	-
143	v149c_CCL22_..	C-C motif chemokine 22 (120 minutes after food intake)	-
144	v150_PSP_D	Pulmonary surfactant-associated protein D (Before food intake)	-
145	v150b_PSP_D_..	Pulmonary surfactant-associated protein D (30 minutes after food intake)	-
146	v150c_PSP_D_..	Pulmonary surfactant-associated protein D (120 minutes after food intake)	-
147	v151_PI3	Elafin (Before food intake)	-
148	v151b_PI3	Elafin (30 minutes after food intake)	-
149	v151c_PI3	Elafin (120 minutes after food intake)	-
150	v152_Ep_CAM_..	Epithelial cell adhesion molecule (Before food intake)	-
151	v152b_Ep_CAM_..	Epithelial cell adhesion molecule (30 minutes after food intake)	-
152	v152c_Ep_CAM_..	Epithelial cell adhesion molecule (120 minutes after food intake)	-
153	v153_AP_N	Aminopeptidase N (Before food intake)	-
154	v153b_AP_N	Aminopeptidase N (30 minutes after food intake)	-
155	v153c_AP_N	Aminopeptidase N (120 minutes after food intake)	-
156	v154_AXL	Tyrosine-protein kinase receptor UFO (Before food intake)	-
157	v154b_AXL	Tyrosine-protein kinase receptor UFO (30 minutes after food intake)	-
158	v154c_AXL	Tyrosine-protein kinase receptor UFO (120 minutes after food intake)	-
159	v155_IL_1RT1_..	Interleukin-1 receptor type 1 (Before food intake)	-
160	v155b_IL_1RT1_..	Interleukin-1 receptor type 1 (30 minutes after food intake)	-
161	v155c_IL_1RT1_..	Interleukin-1 receptor type 1 (120 minutes after food intake)	-
162	v156_MMP_2	Matrix metalloproteinase-2 (Before food intake)	-
163	v156b_MMP_2_..	Matrix metalloproteinase-2 (30 minutes after food intake)	-
164	v156c_MMP_2_..	Matrix metalloproteinase-2 (120 minutes after food intake)	-
165	v157_FAS	Tumor necrosis factor receptor superfamily member 6 (Before food intake)	-
166	v157b_FAS	Tumor necrosis factor receptor superfamily member 6 (30 minutes after food intake)	-
167	v157c_FAS	Tumor necrosis factor receptor superfamily member 6 (120 minutes after food intake)	-
168	v158_MB	Myoglobin (Before food intake)	-

File SND1024-001_v001

	Name	Label	Question
169	v158b_MB	Myoglobin (30 minutes after food intake)	-
170	v158c_MB	Myoglobin (120 minutes after food intake)	-
171	v159_TNFSF13B_..	Tumor necrosis factor ligand superfamily member 13B (Before food intake)	-
172	v159b_TNFSF13_..	Tumor necrosis factor ligand superfamily member 13B (30 minutes after food intake)	-
173	v159c_TNFSF13_..	Tumor necrosis factor ligand superfamily member 13B (120 minutes after food intake)	-
174	v160_PRTN3	Myeloblastin (Before food intake)	-
175	v160b_PRTN3_..	Myeloblastin (30 minutes after food intake)	-
176	v160c_PRTN3_..	Myeloblastin (120 minutes after food intake)	-
177	v161_PCSK9	Proprotein convertase subtilisin/kexin type 9 (Before food intake)	-
178	v161b_PCSK9_..	Proprotein convertase subtilisin/kexin type 9 (30 minutes after food intake)	-
179	v161c_PCSK9_..	Proprotein convertase subtilisin/kexin type 9 (120 minutes after food intake)	-
180	v162_U_PAR	Urokinase plasminogen activator surface receptor (Before food intake)	-
181	v162b_U_PAR_..	Urokinase plasminogen activator surface receptor (30 minutes after food intake)	-
182	v162c_U_PAR_..	Urokinase plasminogen activator surface receptor (120 minutes after food intake)	-
183	v163_OPN	Osteopontin (Before food intake)	-
184	v163b_OPN	Osteopontin (30 minutes after food intake)	-
185	v163c_OPN	Osteopontin (120 minutes after food intake)	-
186	v164_CTSD	Cathepsin D (Before food intake)	-
187	v164b_CTSD	Cathepsin D (30 minutes after food intake)	-
188	v164c_CTSD	Cathepsin D (120 minutes after food intake)	-
189	v165_PGLYRP1_..	Peptidoglycan recognition protein 1 (Before food intake)	-
190	v165b_PGLYRP1_..	Peptidoglycan recognition protein 1 (30 minutes after food intake)	-
191	v165c_PGLYRP1_..	Peptidoglycan recognition protein 1 (120 minutes after food intake)	-
192	v166_CPA1	Carboxypeptidase A1 (Before food intake)	-
193	v166b_CPA1	Carboxypeptidase A1 (30 minutes after food intake)	-
194	v166c_CPA1	Carboxypeptidase A1 (120 minutes after food intake)	-
195	v167_JAM_A	Junctional adhesion molecule A (Before food intake)	-
196	v167b_JAM_A_..	Junctional adhesion molecule A (30 minutes after food intake)	-
197	v167c_JAM_A_..	Junctional adhesion molecule A (120 minutes after food intake)	-
198	v168_Gal_4	Galectin-4 (Before food intake)	-

File SND1024-001_v001

	Name	Label	Question
199	v168b_Gal_4..	Galectin-4 (30 minutes after food intake)	-
200	v168c_Gal_4..	Galectin-4 (120 minutes after food intake)	-
201	v169_IL_1RT2..	Interleukin-1 receptor type 2 (Before food intake)	-
202	v169b_IL_1RT2..	Interleukin-1 receptor type 2 (30 minutes after food intake)	-
203	v169c_IL_1RT2..	Interleukin-1 receptor type 2 (120 minutes after food intake)	-
204	v170_SHPS_1..	Tyrosine-protein phosphatase non-receptor type substrate 1 (Before food intake)	-
205	v170b_SHPS_1..	Tyrosine-protein phosphatase non-receptor type substrate 1 (30 minutes after food intake)	-
206	v170c_SHPS_1..	Tyrosine-protein phosphatase non-receptor type substrate 1 (120 minutes after food intake)	-
207	v171_CCL15	C-C motif chemokine 15 (Before food intake)	-
208	v171b_CCL15..	C-C motif chemokine 15 (30 minutes after food intake)	-
209	v171c_CCL15..	C-C motif chemokine 15 (120 minutes after food intake)	-
210	v172_CASP_3..	Caspase-3 (Before food intake)	-
211	v172b_CASP_3..	Caspase-3 (30 minutes after food intake)	-
212	v172c_CASP_3..	Caspase-3 (120 minutes after food intake)	-
213	v173_uPA	Urokinase-type plasminogen activator (Before food intake)	-
214	v173b_uPA	Urokinase-type plasminogen activator (30 minutes after food intake)	-
215	v173c_uPA	Urokinase-type plasminogen activator (120 minutes after food intake)	-
216	v174_CPB1	Carboxypeptidase B (Before food intake)	-
217	v174b_CPB1	Carboxypeptidase B (30 minutes after food intake)	-
218	v174c_CPB1	Carboxypeptidase B (120 minutes after food intake)	-
219	v175_CHI3L1..	Chitinase-3-like protein 1 (Before food intake)	-
220	v175b_CHI3L1..	Chitinase-3-like protein 1 (30 minutes after food intake)	-
221	v175c_CHI3L1..	Chitinase-3-like protein 1 (120 minutes after food intake)	-
222	v176_ST2	ST2 protein (Before food intake)	-
223	v176b_ST2	ST2 protein (30 minutes after food intake)	-
224	v176c_ST2	ST2 protein (120 minutes after food intake)	-
225	v177_t_PA	Tissue-type plasminogen activator (Before food intake)	-

File SND1024-001_v001

	Name	Label	Question
226	v177b_t_PA	Tissue-type plasminogen activator (30 minutes after food intake)	-
227	v177c_t_PA	Tissue-type plasminogen activator (120 minutes after food intake)	-
228	v178_SCGB3A2..	Secretoglobin family 3A member 2 (Before food intake)	-
229	v178b_SCGB3A2..	Secretoglobin family 3A member 2 (30 minutes after food intake)	-
230	v178c_SCGB3A2..	Secretoglobin family 3A member 2 (120 minutes after food intake)	-
231	v179_EGFR	Epidermal growth factor receptor (Before food intake)	-
232	v179b_EGFR	Epidermal growth factor receptor (30 minutes after food intake)	-
233	v179c_EGFR	Epidermal growth factor receptor (120 minutes after food intake)	-
234	v180_IGFBP_7..	Insulin-like growth factor-binding protein 7 (Before food intake)	-
235	v180b_IGFBP_7..	Insulin-like growth factor-binding protein 7 (30 minutes after food intake)	-
236	v180c_IGFBP_7..	Insulin-like growth factor-binding protein 7 (120 minutes after food intake)	-
237	v181_CD93	Complement component C1q receptor (Before food intake)	-
238	v181b_CD93	Complement component C1q receptor (30 minutes after food intake)	-
239	v181c_CD93	Complement component C1q receptor (120 minutes after food intake)	-
240	v182_IL_18BP..	Interleukin-18-binding protein (Before food intake)	-
241	v182b_IL_18BP..	Interleukin-18-binding protein (30 minutes after food intake)	-
242	v182c_IL_18BP..	Interleukin-18-binding protein (120 minutes after food intake)	-
243	v183_COL1A1..	Collagen alpha-1(I) chain (Before food intake)	-
244	v183b_COL1A1..	Collagen alpha-1(I) chain (30 minutes after food intake)	-
245	v183c_COL1A1..	Collagen alpha-1(I) chain (120 minutes after food intake)	-
246	v184_PON3	Paraoxonase (PON 3) (Before food intake)	-
247	v184b_PON3	Paraoxonase (PON 3) (30 minutes after food intake)	-
248	v184c_PON3	Paraoxonase (PON 3) (120 minutes after food intake)	-
249	v185_CTSZ	Cathepsin Z (Before food intake)	-
250	v185b_CTSZ	Cathepsin Z (30 minutes after food intake)	-
251	v185c_CTSZ	Cathepsin Z (120 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
252	v186 MMP_3	Matrix metalloproteinase-3 (Before food intake)	-
253	v186b MMP_3..	Matrix metalloproteinase-3 (30 minutes after food intake)	-
254	v186c MMP_3..	Matrix metalloproteinase-3 (120 minutes after food intake)	-
255	v187 RARRES2..	Retinoic acid receptor responder protein 2 (Before food intake)	-
256	v187b RARRES2..	Retinoic acid receptor responder protein 2 (30 minutes after food intake)	-
257	v187c RARRES2..	Retinoic acid receptor responder protein 2 (120 minutes after food intake)	-
258	v188 ICAM_2..	Intercellular adhesion molecule 2 (Before food intake)	-
259	v188b ICAM_2..	Intercellular adhesion molecule 2 (30 minutes after food intake)	-
260	v188c ICAM_2..	Intercellular adhesion molecule 2 (120 minutes after food intake)	-
261	v189 KLK6	Kallikrein-6 (Before food intake)	-
262	v189b KLK6	Kallikrein-6 (30 minutes after food intake)	-
263	v189c KLK6	Kallikrein-6 (120 minutes after food intake)	-
264	v190 PDGF_sub..	Platelet-derived growth factor subunit A (Before food intake)	-
265	v190b PDGF su..	Platelet-derived growth factor subunit A (30 minutes after food intake)	-
266	v190c PDGF su..	Platelet-derived growth factor subunit A (120 minutes after food intake)	-
267	v191 TNF_R1..	Tumor necrosis factor receptor 1 (Before food intake)	-
268	v191b TNF_R1..	Tumor necrosis factor receptor 1 (30 minutes after food intake)	-
269	v191c TNF_R1..	Tumor necrosis factor receptor 1 (120 minutes after food intake)	-
270	v192 IGFBP_2..	Insulin-like Growth Factor-Binding Protein 2 (Before food intake)	-
271	v192b IGFBP_2..	Insulin-like Growth Factor-Binding Protein 2 (30 minutes after food intake)	-
272	v192c IGFBP_2..	Insulin-like Growth Factor-Binding Protein 2 (120 minutes after food intake)	-
273	v193 vWF	von Willebrand factor (Before food intake)	-
274	v193b vWF	von Willebrand factor (30 minutes after food intake)	-
275	v193c vWF	von Willebrand factor (120 minutes after food intake)	-
276	v194 PECAM_1..	Platelet endothelial cell adhesion molecule (Before food intake)	-
277	v194b PECAM_1..	Platelet endothelial cell adhesion molecule (30 minutes after food intake)	-

File SND1024-001_v001

	Name	Label	Question
278	v194c_PECAM_1..	Platelet endothelial cell adhesion molecule (120 minutes after food intake)	-
279	v195_NT_proBN..	N-terminal prohormone brain natriuretic peptide	-
280	v195b_NT_proB..	N-terminal prohormone brain natriuretic peptide (30 minutes after food intake)	-
281	v195c_NT_proB..	N-terminal prohormone brain natriuretic peptide (120 minutes after food intake)	-
282	v196_CCL16	C-C motif chemokine 16 (Before food intake)	-
283	v196b_CCL16..	C-C motif chemokine 16 (30 minutes after food intake)	-
284	v196c_CCL16..	C-C motif chemokine 16 (120 minutes after food intake)	-

Variables Description

Dataset contains 284 variable(s)

File : SND1024-001_v001

SND_study: SND-study 1024

Definition: SND-study 1024: Effect of food intake on 92 biomarkers for cardiovascular disease

Value	Label	Cases	Percentage
1024	SND-study 1024	22	100.0%

Information: Type: continuous, Format: numeric, Range: 1024-1024, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -)

SND_dataset: SND-dataset 1024-001

Definition: SND-dataset 1024-001: Effect of food intake on 92 biomarkers for cardiovascular disease

Value	Label	Cases	Percentage
1	SND-dataset 1024-001	22	100.0%

Information: Type: continuous, Format: numeric, Range: 1-1, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -)

SND_version: SND-version 1.0

Definition: SND version 1.0, May 2017

Value	Label	Cases	Percentage
1	SND-version 1.0	22	100.0%

Information: Type: continuous, Format: numeric, Range: 1-1, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -)

SEX__mal_1_female_2_: Sex

Value	Label	Cases	Percentage
1	Male	11	50.0%
2	Female	11	50.0%

Information: Type: discrete, Format: numeric, Range: 1-2, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -)

HEIGHT_: Height

Information: Type: continuous, Format: numeric, Range: 164-191, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (177.455 / -) StdDev: (7.824 / -)

File : SND1024-001_v001**WEIGHT_: Weight**

Information: Type: continuous, Format: numeric, Range: 54-88, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (68.909 / -) StdDev: (10.387 / -)

BMI: Body Mass Index (BMI)

Information: Type: continuous, Format: numeric, Range: 17.2364263142775-25.6172839506173, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (21.796 / -) StdDev: (2.183 / -)

BSA: Body Surface Area (BSA)

Information: Type: continuous, Format: numeric, Range: 1.6-2.13, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.852 / -) StdDev: (0.165 / -)

v101_TNFRSF14: Tumor necrosis factor receptor superfamily member 14 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.17050437197953-5.80892851197953, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.611 / -) StdDev: (0.361 / -)

v101b_TNFRSF14: Tumor necrosis factor receptor superfamily member 14 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.87894782197953-5.41989433197953, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.31 / -) StdDev: (0.34 / -)

v101c_TNFRSF14: Tumor necrosis factor receptor superfamily member 14 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.62499310197953-5.58796353197953, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.251 / -) StdDev: (0.47 / -)

v102_LDL_receptor: Low-density lipoprotein receptor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.33062326645553-3.43558519645553, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.604 / -) StdDev: (0.487 / -)

v102b_LDL_receptor: Low-density lipoprotein receptor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.29327267645553-3.27456541645553, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.554 / -) StdDev: (0.507 / -)

File : SND1024-001_v001**v102c_LDL_receptor: Low-density lipoprotein receptor (120 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 1.39621838645553-3.58993852645553, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.633 / -) StdDev: (0.562 / -)

v103_ITGB2: Integrin beta-2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.24934193410003-6.12738066410003, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.027 / -) StdDev: (0.415 / -)

v103b_ITGB2: Integrin beta-2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.25554462410003-5.75329154410003, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.875 / -) StdDev: (0.351 / -)

v103c_ITGB2: Integrin beta-2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.39757073410003-5.79822977410003, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.863 / -) StdDev: (0.4 / -)

v105_IL_17RA: Interleukin-17 receptor A (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.74988500129073-3.78211751129073, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.67 / -) StdDev: (0.485 / -)

v105b_IL_17RA: Interleukin-17 receptor A (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.69305670129073-3.81447056129073, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.557 / -) StdDev: (0.49 / -)

v105c_IL_17RA: Interleukin-17 receptor A (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.58723067129073-3.88286134129073, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.569 / -) StdDev: (0.485 / -)

v106_TNF_R2: Tumor necrosis factor receptor 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.41792485249784-5.40257418249784, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.124 / -) StdDev: (0.429 / -)

v106b_TNF_R2: Tumor necrosis factor receptor 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.17078462249784-5.05669320249784, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.973 / -) StdDev: (0.355 / -)

File : SND1024-001_v001**v106b_TNF_R2: Tumor necrosis factor receptor 2 (30 minutes after food intake)****v106c_TNF_R2: Tumor necrosis factor receptor 2 (120 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 3.16408337249784-5.38018465249784, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.011 / -) StdDev: (0.482 / -)

v107_MMP_9: Matrix metalloproteinase-9 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.67265198223727-6.50201204223727, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.555 / -) StdDev: (0.522 / -)

v107b_MMP_9: Matrix metalloproteinase-9 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.97197028223727-6.43200915223727, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.346 / -) StdDev: (0.64 / -)

v107c_MMP_9: Matrix metalloproteinase-9 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.80205804223727-6.33301260223727, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.214 / -) StdDev: (0.59 / -)

v108_EPHB4: Ephrin type-B receptor 4 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 0.597236859076369-2.01763358907637, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.053 / -) StdDev: (0.309 / -)

v108b_EPHB4: Ephrin type-B receptor 4 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.678440689076369-1.85542985907637, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (1.059 / -) StdDev: (0.242 / -)

v108c_EPHB4: Ephrin type-B receptor 4 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.607718839076371-1.92830614907637, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.036 / -) StdDev: (0.303 / -)

v109_IL2_RA: Interleukin-2 receptor subunit alpha (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.5667658475978-4.1509693375978, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.281 / -) StdDev: (0.416 / -)

File : SND1024-001_v001**v109b_IL2_RA: Interleukin-2 receptor subunit alpha (30 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 2.5349247875978-4.1380840275978, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.188 / -) StdDev: (0.373 / -)

v109c_IL2_RA: Interleukin-2 receptor subunit alpha (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.3622665475978-4.6917866375978, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.243 / -) StdDev: (0.644 / -)

v110_OPG: Osteoprotegerin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.83306983826407-3.05817419826407, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.222 / -) StdDev: (0.303 / -)

v110b_OPG: Osteoprotegerin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.75491505826407-2.93345371826407, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.146 / -) StdDev: (0.33 / -)

v110c_OPG: Osteoprotegerin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.70889571826407-3.40323056826407, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.23 / -) StdDev: (0.422 / -)

v111_ALCAM: CD166 antigen (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.92149658870087-5.58989944870087, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.482 / -) StdDev: (0.346 / -)

v111b_ALCAM: CD166 antigen (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.97295019870087-5.31722218870087, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.373 / -) StdDev: (0.301 / -)

v111c_ALCAM: CD166 antigen (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.04458188870087-5.51665566870087, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.458 / -) StdDev: (0.384 / -)

v112_TFF3: Trefoil factor 3 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.32843532078347-8.78858298078347, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.446 / -) StdDev: (1.375 / -)

File : SND1024-001_v001**v112_TFF3: Trefoil factor 3 (Before food intake)**

Information: Type: continuous, Format: numeric, Range: 4.16414188078347-8.61163210778347, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.158 / -) StdDev: (1.177 / -)

v112b_TFF3: Trefoil factor 3 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.94447932078347-8.66392453378347, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.363 / -) StdDev: (1.44 / -)

v113_SELP: P-selectin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 8.29072933929967-10.9840722552997, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (9.304 / -) StdDev: (0.608 / -)

v113b_SELP: P-selectin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 7.85776647929967-10.5643308012997, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (8.979 / -) StdDev: (0.679 / -)

v113c_SELP: P-selectin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 7.41018612929967-10.0195639162997, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (8.821 / -) StdDev: (0.647 / -)

v114_CSTB: Cystatin-B (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.95809554705022-7.82524617705022, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.112 / -) StdDev: (1.058 / -)

v114b_CSTB: Cystatin-B (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.87292277705022-6.94764243705022, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.712 / -) StdDev: (0.667 / -)

v114c_CSTB: Cystatin-B (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.43600818705022-6.31875521705022, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.467 / -) StdDev: (0.672 / -)

File : SND1024-001_v001**v115_MCP_1: Monocyte chemotactic protein 1 (Before food intake)**

Information: Type: continuous, Format: numeric, Range: 2.68536974746313-4.57648823746313, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.443 / -) StdDev: (0.41 / -)

v115b_MCP_1: Monocyte chemotactic protein 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.22138885746313-4.14876833746313, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.154 / -) StdDev: (0.413 / -)

v115c_MCP_1: Monocyte chemotactic protein 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.16256485746313-5.05517558746313, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.11 / -) StdDev: (0.646 / -)

Variables Description

Dataset contains 284 variable(s)

v116_CD163: Scavenger receptor cysteine-rich type 1 protein M130 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.4943750128414-6.9693884728414, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.871 / -) StdDev: (0.627 / -)

v116b_CD163: Scavenger receptor cysteine-rich type 1 protein M130 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.3004273828414-6.7696274928414, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.74 / -) StdDev: (0.601 / -)

v116c_CD163: Scavenger receptor cysteine-rich type 1 protein M130 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.2868575028414-6.9887049328414, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.827 / -) StdDev: (0.628 / -)

v117_Gal_3: Galectin-3 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.94618414592783-6.18523040592783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.947 / -) StdDev: (0.432 / -)

v117b_Gal_3: Galectin-3 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.06176501592783-5.92071124592783, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.837 / -) StdDev: (0.393 / -)

v117c_Gal_3: Galectin-3 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.01785565592783-5.81760568592783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.815 / -) StdDev: (0.399 / -)

v118_GRN: Granulins (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.35294577379537-6.48330660379537, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.818 / -) StdDev: (0.314 / -)

v118b_GRN: Granulins (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.35501506379537-6.19592243379537, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.734 / -) StdDev: (0.236 / -)

v118b_GRN: Granulins (30 minutes after food intake)**v118c_GRN: Granulins (120 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 5.03191312379537-6.83781938379537, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.782 / -) StdDev: (0.459 / -)

v120_MEPE: Matrix extracellular phosphoglycoprotein (Before food intake)

Information: Type: continuous, Format: numeric, Range: 0.00215535504783123-3.33700747504783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.697 / -) StdDev: (0.691 / -)

v120b_MEPE: Matrix extracellular phosphoglycoprotein (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.657612025047831-3.23631097504783, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (1.652 / -) StdDev: (0.636 / -)

v120c_MEPE: Matrix extracellular phosphoglycoprotein (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: -0.412423128697622-2.55883718504783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.566 / -) StdDev: (0.699 / -)

v121_BLM_hydrolase: Bleomycin hydrolase (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.0558042800372-7.6797487510372, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.953 / -) StdDev: (0.61 / -)

v121b_BLM_hydrolase: Bleomycin hydrolase (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.1709542500372-7.1132296000372, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.874 / -) StdDev: (0.427 / -)

v121c_BLM_hydrolase: Bleomycin hydrolase (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.4566186900372-6.6399204400372, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.828 / -) StdDev: (0.304 / -)

v122_PLC: Perlecan (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.1544307267702-6.9050334067702, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.662 / -) StdDev: (0.378 / -)

v122b_PLC: Perlecan (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.0795273167702-7.5869769667702, Missing: *

v122b_PLC: Perlecan (30 minutes after food intake)

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.671 / -) StdDev: (0.557 / -)

v122c_PLC: Perlecan (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.9222218567702-6.7170165167702, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.593 / -) StdDev: (0.432 / -)

v123_LTBR: Lymphotoxin-beta receptor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.08061515267513-3.61784130267513, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.646 / -) StdDev: (0.357 / -)

v123b_LTBR: Lymphotoxin-beta receptor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.98671870267513-3.38706669267513, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.525 / -) StdDev: (0.319 / -)

v123c_LTBR: Lymphotoxin-beta receptor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.94405222267513-3.55027136267513, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.588 / -) StdDev: (0.39 / -)

v124_Notch_3: Neurogenic locus notch homolog protein 3 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.29089067511333-4.06416278511333, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.316 / -) StdDev: (0.589 / -)

v124b_Notch_3: Neurogenic locus notch homolog protein 3 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.14968721511333-3.72500800511333, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.205 / -) StdDev: (0.555 / -)

v124c_Notch_3: Neurogenic locus notch homolog protein 3 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.23505381511333-3.22286243511333, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.259 / -) StdDev: (0.468 / -)

v125_TIMP4: Metalloproteinase inhibitor 4 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.69854382760367-3.36150032760367, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.601 / -) StdDev: (0.489 / -)

v125b_TIMP4: Metalloproteinase inhibitor 4 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.66377478760367-3.13734844760367, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.437 / -) StdDev: (0.455 / -)

v125c_TIMP4: Metalloproteinase inhibitor 4 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.88051645760367-3.75314741760367, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.645 / -) StdDev: (0.562 / -)

v126_CNTN1: Contactin-1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.58336428872057-3.24955734872057, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.041 / -) StdDev: (0.37 / -)

v126b_CNTN1: Contactin-1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.56979470872057-3.11725637872057, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (1.963 / -) StdDev: (0.358 / -)

v126c_CNTN1: Contactin-1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.39482980872057-3.10214258872057, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.022 / -) StdDev: (0.442 / -)

v127_CDH5: Cadherin-5 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.75373183722983-3.61411194722983, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.435 / -) StdDev: (0.416 / -)

v127b_CDH5: Cadherin-5 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.45204868722983-3.41102875722983, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.341 / -) StdDev: (0.449 / -)

v127c_CDH5: Cadherin-5 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.67765459722983-3.49089644722983, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.403 / -) StdDev: (0.476 / -)

v128_TLT_2: Trem-like transcript 2 protein (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.291643669235-6.196928759235, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.865 / -) StdDev: (0.442 / -)

v128b_TLT_2: Trem-like transcript 2 protein (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.120072469235-5.774838199235, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.621 / -) StdDev: (0.366 / -)

v128c_TLT_2: Trem-like transcript 2 protein (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.719973959235-6.019078019235, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.57 / -) StdDev: (0.51 / -)

v129_FABP4: Fatty acid-binding protein, adipocyte (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.8776030085501-4.9190221885501, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.049 / -) StdDev: (0.622 / -)

v129b_FABP4: Fatty acid-binding protein, adipocyte (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.9075278285501-5.2432188885501, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.978 / -) StdDev: (0.595 / -)

v129c_FABP4: Fatty acid-binding protein, adipocyte (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.8919007385501-5.7652818185501, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.006 / -) StdDev: (0.755 / -)

v130_TFPI: Tissue factor pathway inhibitor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 6.8538541340416-9.0611231500416, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.631 / -) StdDev: (0.512 / -)

v130b_TFPI: Tissue factor pathway inhibitor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.8992824740416-8.8342483060416, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (7.604 / -) StdDev: (0.463 / -)

v130c_TFPI: Tissue factor pathway inhibitor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.8718248840416-9.1403719970416, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.753 / -) StdDev: (0.55 / -)

v131_PAI: Plasminogen activator inhibitor 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 7.01990722022067-9.08940493522067, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.651 / -) StdDev: (0.473 / -)

v131b_PAI: Plasminogen activator inhibitor 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.96300647022067-8.85846009622067, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (7.518 / -) StdDev: (0.45 / -)

v131c_PAI: Plasminogen activator inhibitor 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.90549351022067-8.28954339222067, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.617 / -) StdDev: (0.361 / -)

v132_CCL24: C-C motif chemokine 24 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.70578244886517-7.32601658886517, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.211 / -) StdDev: (0.875 / -)

v132b_CCL24: C-C motif chemokine 24 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.46522574886517-7.05966508886517, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.16 / -) StdDev: (0.901 / -)

v132c_CCL24: C-C motif chemokine 24 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.83965906886517-6.59313954886517, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.19 / -) StdDev: (0.814 / -)

v133_TR: Transferrin receptor protein 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.3771972303817-5.4663642203817, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.679 / -) StdDev: (0.704 / -)

v133b_TR: Transferrin receptor protein 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.7299034503817-5.1816293803817, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.64 / -) StdDev: (0.614 / -)

Variables Description

Dataset contains 284 variable(s)

v133c_TR: Transferrin receptor protein 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.4251870303817-5.1657109903817, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.605 / -) StdDev: (0.688 / -)

v134_TNFRSF10C: Tumor necrosis factor receptor superfamily member 10C (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.76307537575803-6.49111269575803, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.902 / -) StdDev: (0.631 / -)

v134b_TNFRSF10C: Tumor necrosis factor receptor superfamily member 10C (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.69791273575803-6.24079662575803, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.763 / -) StdDev: (0.551 / -)

v134c_TNFRSF10C: Tumor necrosis factor receptor superfamily member 10C (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.69149403575803-5.78590968575803, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.84 / -) StdDev: (0.451 / -)

v135_GDF_15: Growth/differentiation factor 15 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.8399182041476-4.5032662441476, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.347 / -) StdDev: (0.459 / -)

v135b_GDF_15: Growth/differentiation factor 15 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.5915773241476-4.2683734841476, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.216 / -) StdDev: (0.401 / -)

v135c_GDF_15: Growth/differentiation factor 15 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.6369821941476-4.6355157441476, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.281 / -) StdDev: (0.495 / -)

v136_SELE: E-selectin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.80831235377853-4.10176156377853, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.623 / -) StdDev: (0.549 / -)

v136_SELE: E-selectin (Before food intake)**v136b_SELE: E-selectin (30 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 1.65403646377853-3.87404014377853, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.523 / -) StdDev: (0.533 / -)

v136c_SELE: E-selectin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.62292196377853-3.74037707377853, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.586 / -) StdDev: (0.503 / -)

v137_AZU1: Azurocidin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.29181517292503-7.70754137292503, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.465 / -) StdDev: (1.006 / -)

v137b_AZU1: Azurocidin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.50247221292503-7.90932033992503, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.053 / -) StdDev: (1.033 / -)

v137c_AZU1: Azurocidin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.72337863292503-7.47169336292503, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.604 / -) StdDev: (0.949 / -)

v138_DLK_1: Protein delta homolog 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.9224668526447-6.4429128626447, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.783 / -) StdDev: (0.78 / -)

v138b_DLK_1: Protein delta homolog 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.8969350026447-6.1027337726447, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.657 / -) StdDev: (0.775 / -)

v138c_DLK_1: Protein delta homolog 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.1487465726447-6.3997259826447, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.708 / -) StdDev: (0.718 / -)

v139_SPON1: Spondin-1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 0.0941129556290618-1.21173410074217, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.465 / -) StdDev: (0.235 / -)

v139b_SPON1: Spondin-1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.0941129556290618-1.03404811074217, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (0.401 / -) StdDev: (0.2 / -)

v139c_SPON1: Spondin-1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.0941129556290618-1.52116962074217, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.432 / -) StdDev: (0.331 / -)

v140_MPO: Myeloperoxidase (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.36903946861917-5.78486386861917, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.992 / -) StdDev: (0.648 / -)

v140b_MPO: Myeloperoxidase (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.51349478861917-5.83614292861917, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.655 / -) StdDev: (0.728 / -)

v140c_MPO: Myeloperoxidase (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.82096035861917-5.55663053861917, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.323 / -) StdDev: (0.666 / -)

v141_CXCL16: C-X-C motif chemokine 16 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.14360570029773-5.71929697029773, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.655 / -) StdDev: (0.339 / -)

v141b_CXCL16: C-X-C motif chemokine 16 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.17320087029773-5.46577774029773, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.518 / -) StdDev: (0.286 / -)

v141c_CXCL16: C-X-C motif chemokine 16 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.06790378029773-6.06985375029773, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.595 / -) StdDev: (0.479 / -)

v142_IL_6RA: Interleukin-6 receptor subunit alpha (Before food intake)

Information: Type: continuous, Format: numeric, Range: 9.9711562922393-11.5780520622393, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (10.838 / -) StdDev: (0.391 / -)

v142b_IL_6RA: Interleukin-6 receptor subunit alpha (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 9.7489045222393-11.3196628822393, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (10.734 / -) StdDev: (0.408 / -)

v142c_IL_6RA: Interleukin-6 receptor subunit alpha (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 9.7965758322393-12.2416866722393, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (10.821 / -) StdDev: (0.505 / -)

v143_RET N: Resistin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.186210661773-8.001220301773, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.342 / -) StdDev: (0.628 / -)

v143b_RET N: Resistin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.992935761773-7.506936601773, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.09 / -) StdDev: (0.616 / -)

v143c_RET N: Resistin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.840177701773-7.405604421773, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.942 / -) StdDev: (0.633 / -)

v144_IGFBP_1: Insulin-like growth factor-binding protein 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.98888677841777-6.29469015841777, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.402 / -) StdDev: (1.047 / -)

v144b_IGFBP_1: Insulin-like growth factor-binding protein 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.02365190841777-5.37732776841777, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.249 / -) StdDev: (0.786 / -)

v144c_IGFBP_1: Insulin-like growth factor-binding protein 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.82405573841777-4.43869470841777, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.086 / -) StdDev: (0.695 / -)

v144c_IGFBP_1: Insulin-like growth factor-binding protein 1 (120 minutes after food intake)**v145_CHIT1: Chitotriosidase-1 (Before food intake)**

Information: Type: continuous, Format: numeric, Range: -0.372106210973979-6.43406028988578, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.464 / -) StdDev: (1.398 / -)

v145b_CHIT1: Chitotriosidase-1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: -0.372106210973979-5.98232825988578, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.23 / -) StdDev: (1.324 / -)

v145c_CHIT1: Chitotriosidase-1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: -0.372106210973979-5.44778576988578, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.213 / -) StdDev: (1.249 / -)

v148_TR_AP: Tartrate-resistant acid phosphatase type 5 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.9356699263269-3.8242541863269, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.87 / -) StdDev: (0.566 / -)

v148b_TR_AP: Tartrate-resistant acid phosphatase type 5 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.5375089463269-3.7864898363269, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.653 / -) StdDev: (0.607 / -)

v148c_TR_AP: Tartrate-resistant acid phosphatase type 5 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.7559514063269-4.5869412163269, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.784 / -) StdDev: (0.625 / -)

v149_CCL22: C-C motif chemokine 22 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.99320447217327-6.79773732217327, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.306 / -) StdDev: (1.285 / -)

v149b_CCL22: C-C motif chemokine 22 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.02173591217327-6.74731494217327, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.221 / -) StdDev: (1.298 / -)

v149c_CCL22: C-C motif chemokine 22 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.90589546217327-6.69731998217327, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.262 / -) StdDev: (1.397 / -)

v150_PSP_D: Pulmonary surfactant-associated protein D (Before food intake)

Information: Type: continuous, Format: numeric, Range: 0.883776223795131-2.94286022379513, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.686 / -) StdDev: (0.7 / -)

v150b_PSP_D: Pulmonary surfactant-associated protein D (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.487700273795127-2.98736318379513, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (1.584 / -) StdDev: (0.664 / -)

v150c_PSP_D: Pulmonary surfactant-associated protein D (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.351380763795129-3.39031022379513, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.671 / -) StdDev: (0.721 / -)

v151_PI3: Elafin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.61720338293437-5.90383797293437, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.462 / -) StdDev: (0.569 / -)

v151b_PI3: Elafin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.71759141293437-5.58269233293437, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.367 / -) StdDev: (0.484 / -)

v151c_PI3: Elafin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.57195534293437-5.54656272293437, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.344 / -) StdDev: (0.553 / -)

v152_Ep_CAM: Epithelial cell adhesion molecule (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.33368613173627-7.53622928173627, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.101 / -) StdDev: (1.017 / -)

Variables Description

Dataset contains 284 variable(s)

v152b_Ep_CAM: Epithelial cell adhesion molecule (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.46643578173627-6.99962329173627, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.968 / -) StdDev: (0.93 / -)

v152c_Ep_CAM: Epithelial cell adhesion molecule (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.29720966173627-6.91739816173627, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.952 / -) StdDev: (0.917 / -)

v153_AP_N: Aminopeptidase N (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.88071988850943-5.78730322850943, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.435 / -) StdDev: (0.4 / -)

v153b_AP_N: Aminopeptidase N (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.81557656850943-5.55026504850943, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.336 / -) StdDev: (0.364 / -)

v153c_AP_N: Aminopeptidase N (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.02878752850943-5.37168034850943, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.41 / -) StdDev: (0.309 / -)

v154_AXL: Tyrosine-protein kinase receptor UFO (Before food intake)

Information: Type: continuous, Format: numeric, Range: 6.0484027561291-8.0869689561291, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.918 / -) StdDev: (0.488 / -)

v154b_AXL: Tyrosine-protein kinase receptor UFO (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.9904201361291-7.8654113161291, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.835 / -) StdDev: (0.456 / -)

v154c_AXL: Tyrosine-protein kinase receptor UFO (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.1123956061291-8.1427710661291, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.896 / -) StdDev: (0.467 / -)

v155_IL_1RT1: Interleukin-1 receptor type 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.14924960321463-7.05073695321463, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.678 / -) StdDev: (0.386 / -)

v155b_IL_1RT1: Interleukin-1 receptor type 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.06764495321463-6.76879371321463, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.557 / -) StdDev: (0.352 / -)

v155c_IL_1RT1: Interleukin-1 receptor type 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.21996093321463-6.91176926321463, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.653 / -) StdDev: (0.4 / -)

v156_MMP_2: Matrix metalloproteinase-2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.93667267234067-4.96952497234067, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.527 / -) StdDev: (0.476 / -)

v156b_MMP_2: Matrix metalloproteinase-2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.66505042234067-4.61555776234067, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.397 / -) StdDev: (0.424 / -)

v156c_MMP_2: Matrix metalloproteinase-2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.59520640234067-4.81236894234067, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.45 / -) StdDev: (0.54 / -)

v157_FAS: Tumor necrosis factor receptor superfamily member 6 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.57232242916563-5.45178044916563, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.21 / -) StdDev: (0.43 / -)

v157b_FAS: Tumor necrosis factor receptor superfamily member 6 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.41725727916563-5.20068963916563, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.108 / -) StdDev: (0.392 / -)

v157c_FAS: Tumor necrosis factor receptor superfamily member 6 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.33353942916563-6.01890780916563, Missing: *

v157c_FAS: Tumor necrosis factor receptor superfamily member 6 (120 minutes after food intake)

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.154 / -) StdDev: (0.6 / -)

v158_MB: Myoglobin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.6398613310944-8.1669192910944, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.929 / -) StdDev: (0.803 / -)

v158b_MB: Myoglobin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.8577345610944-8.0923059910944, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.938 / -) StdDev: (0.745 / -)

v158c_MB: Myoglobin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.6122983810944-7.8037549010944, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.85 / -) StdDev: (0.714 / -)

v159_TNFSF13B: Tumor necrosis factor ligand superfamily member 13B (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.97641781972737-6.60148277972737, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.618 / -) StdDev: (0.385 / -)

v159b_TNFSF13B: Tumor necrosis factor ligand superfamily member 13B (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.73722208972737-6.33320507972737, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.514 / -) StdDev: (0.327 / -)

v159c_TNFSF13B: Tumor necrosis factor ligand superfamily member 13B (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.76224952972737-6.67426616972737, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.603 / -) StdDev: (0.473 / -)

v160_PRTN3: Myeloblastin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.3414292025542-8.2361044725542, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.016 / -) StdDev: (0.816 / -)

v160b_PRTN3: Myeloblastin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.9583798325542-8.0580668025542, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.63 / -) StdDev: (0.807 / -)

v160c_PRTN3: Myeloblastin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.9454445725542-7.8505608925542, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.277 / -) StdDev: (0.747 / -)

v161_PCSK9: Proprotein convertase subtilisin/kexin type 9 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 0.185744070612272-1.37055297061227, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.818 / -) StdDev: (0.305 / -)

v161b_PCSK9: Proprotein convertase subtilisin/kexin type 9 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.205068300612272-1.29301338061227, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (0.707 / -) StdDev: (0.24 / -)

v161c_PCSK9: Proprotein convertase subtilisin/kexin type 9 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 0.28411433061227-1.83208014061227, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.775 / -) StdDev: (0.359 / -)

v162_U_PAR: Urokinase plasminogen activator surface receptor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.74233513477963-5.46105520477963, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.485 / -) StdDev: (0.456 / -)

v162b_U_PAR: Urokinase plasminogen activator surface receptor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.67996549477963-5.23215585477963, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.36 / -) StdDev: (0.407 / -)

v162c_U_PAR: Urokinase plasminogen activator surface receptor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.40563642477963-5.43053874477963, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.209 / -) StdDev: (0.507 / -)

v163_OPN: Osteopontin (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.7743743113036-5.4214594913036, Missing: *

v163_OPN: Osteopontin (Before food intake)

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.478 / -) StdDev: (0.546 / -)

v163b_OPN: Osteopontin (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.6484743013036-5.2661088913036, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.472 / -) StdDev: (0.566 / -)

v163c_OPN: Osteopontin (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.6782361113036-5.1154442113036, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.622 / -) StdDev: (0.563 / -)

v164_CTSD: Cathepsin D (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.95757392801157-5.75050695801157, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.552 / -) StdDev: (0.341 / -)

v164b_CTSD: Cathepsin D (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.86717044801157-5.32272668801157, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.388 / -) StdDev: (0.308 / -)

v164c_CTSD: Cathepsin D (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.96176866801157-5.62920534801157, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.493 / -) StdDev: (0.4 / -)

v165_PGLYRP1: Peptidoglycan recognition protein 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 6.6437688721362-8.7949251021362, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.583 / -) StdDev: (0.612 / -)

v165b_PGLYRP1: Peptidoglycan recognition protein 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.1854737821362-8.3685819121362, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (7.331 / -) StdDev: (0.583 / -)

v165c_PGLYRP1: Peptidoglycan recognition protein 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 6.1028421121362-8.7220649021362, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (7.158 / -) StdDev: (0.608 / -)

v166_CPA1: Carboxypeptidase A1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.5860852304392-5.7671738204392, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.552 / -) StdDev: (0.52 / -)

v166b_CPA1: Carboxypeptidase A1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.5026707004392-5.5073885304392, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.484 / -) StdDev: (0.532 / -)

v166c_CPA1: Carboxypeptidase A1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.6343563704392-6.0041315204392, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.689 / -) StdDev: (0.604 / -)

v167_JAM_A: Junctional adhesion molecule A (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.9666773506593-5.3585418206593, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.564 / -) StdDev: (0.319 / -)

v167b_JAM_A: Junctional adhesion molecule A (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.6162582006593-8.8038587006593, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.462 / -) StdDev: (1.05 / -)

v167c_JAM_A: Junctional adhesion molecule A (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.4430047406593-5.2278789606593, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.154 / -) StdDev: (0.491 / -)

v168_Gal_4: Galectin-4 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.29707503082523-2.88686284082523, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.144 / -) StdDev: (0.46 / -)

v168b_Gal_4: Galectin-4 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.17538590082523-2.71071945082523, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (1.934 / -) StdDev: (0.446 / -)

v168c_Gal_4: Galectin-4 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.27211558082523-2.97426911082523, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (1.907 / -) StdDev: (0.466 / -)

Variables Description

Dataset contains 284 variable(s)

v169_IL_1RT2: Interleukin-1 receptor type 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.69000010038867-6.00413856038867, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.551 / -) StdDev: (0.476 / -)

v169b_IL_1RT2: Interleukin-1 receptor type 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.61081934038867-5.76046966038867, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.438 / -) StdDev: (0.453 / -)

v169c_IL_1RT2: Interleukin-1 receptor type 2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.81750612038867-5.80602080038867, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.522 / -) StdDev: (0.457 / -)

v170_SHPS_1: Tyrosine-protein phosphatase non-receptor type substrate 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.14066923697987-3.69706098697987, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.796 / -) StdDev: (0.339 / -)

v170b_SHPS_1: Tyrosine-protein phosphatase non-receptor type substrate 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.06089675697987-3.48866622697987, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.713 / -) StdDev: (0.325 / -)

v170c_SHPS_1: Tyrosine-protein phosphatase non-receptor type substrate 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.96030734697987-4.37451245697987, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.774 / -) StdDev: (0.536 / -)

v171_CCL15: C-C motif chemokine 15 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.22809027811507-7.27405800811507, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.032 / -) StdDev: (0.487 / -)

v171b_CCL15: C-C motif chemokine 15 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.20852105811507-6.83328001811507, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.863 / -) StdDev: (0.409 / -)

v171b_CCL15: C-C motif chemokine 15 (30 minutes after food intake)**v171c_CCL15: C-C motif chemokine 15 (120 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 5.16727944811507-6.90501844811507, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.919 / -) StdDev: (0.434 / -)

v172_CASP_3: Caspase-3 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.5812338873998-8.4828693173998, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.661 / -) StdDev: (0.693 / -)

v172b_CASP_3: Caspase-3 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.1148821073998-10.1172211573998, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.59 / -) StdDev: (1.028 / -)

v172c_CASP_3: Caspase-3 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.0834390373998-7.2027460773998, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.065 / -) StdDev: (0.575 / -)

v173_uPA: Urokinase-type plasminogen activator (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.5399652404783-5.5552436104783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.347 / -) StdDev: (0.475 / -)

v173b_uPA: Urokinase-type plasminogen activator (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.0962935104783-5.4631316104783, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.141 / -) StdDev: (0.519 / -)

v173c_uPA: Urokinase-type plasminogen activator (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.0114804004783-5.4574154804783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.161 / -) StdDev: (0.597 / -)

v174_CPB1: Carboxypeptidase B (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.55276826673317-4.79392328673317, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.382 / -) StdDev: (0.555 / -)

v174b_CPB1: Carboxypeptidase B (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.72219283673317-4.57232685673317, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.354 / -) StdDev: (0.529 / -)

v174c_CPB1: Carboxypeptidase B (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.89869467673317-4.62193943673317, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.569 / -) StdDev: (0.543 / -)

v175_CHI3L1: Chitinase-3-like protein 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.653113718039-7.517575628039, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.474 / -) StdDev: (0.442 / -)

v175b_CHI3L1: Chitinase-3-like protein 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.431452278039-7.118116088039, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.26 / -) StdDev: (0.368 / -)

v175c_CHI3L1: Chitinase-3-like protein 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.174155778039-7.360372938039, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.169 / -) StdDev: (0.473 / -)

v176_ST2: ST2 protein (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.47049108471217-4.29627524471217, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.984 / -) StdDev: (0.795 / -)

v176b_ST2: ST2 protein (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.67970423471217-4.19092776471217, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.956 / -) StdDev: (0.75 / -)

v176c_ST2: ST2 protein (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.71655332471217-4.71403682471217, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.079 / -) StdDev: (0.765 / -)

v177_t_PA: Tissue-type plasminogen activator (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.0511416408329-5.9777352708329, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.573 / -) StdDev: (0.764 / -)

v177b_t_PA: Tissue-type plasminogen activator (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.8591302408329-5.6846381608329, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.395 / -) StdDev: (0.802 / -)

v177c_t_PA: Tissue-type plasminogen activator (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.8321154108329-6.1041676008329, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.426 / -) StdDev: (0.782 / -)

v178_SCGB3A2: Secretoglobulin family 3A member 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 1.74046156082853-4.83175018082853, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.097 / -) StdDev: (0.819 / -)

v178b_SCGB3A2: Secretoglobulin family 3A member 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.91977711082853-4.36082833082853, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.981 / -) StdDev: (0.666 / -)

v178c_SCGB3A2: Secretoglobulin family 3A member 2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.37731529082853-4.06574678082853, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.947 / -) StdDev: (0.726 / -)

v179_EGFR: Epidermal growth factor receptor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.22240587432933-3.9464645432933, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.666 / -) StdDev: (0.349 / -)

v179b_EGFR: Epidermal growth factor receptor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.18037218432933-3.72315703432933, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (2.569 / -) StdDev: (0.31 / -)

v179c_EGFR: Epidermal growth factor receptor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.27540090432933-3.70035930432933, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (2.639 / -) StdDev: (0.33 / -)

v180_IGFBP_7: Insulin-like growth factor-binding protein 7 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.38435183562247-5.14812332562247, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.389 / -) StdDev: (0.57 / -)

v180b_IGFBP_7: Insulin-like growth factor-binding protein 7 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 1.95132710562247-4.82984997562247, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.227 / -) StdDev: (0.545 / -)

v180c_IGFBP_7: Insulin-like growth factor-binding protein 7 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.03399454562247-5.03443047562247, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.308 / -) StdDev: (0.706 / -)

v181_CD93: Complement component C1q receptor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 8.13558028318753-9.89199121918753, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (8.761 / -) StdDev: (0.366 / -)

v181b_CD93: Complement component C1q receptor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 7.93294135318753-9.67194085818753, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (8.663 / -) StdDev: (0.374 / -)

v181c_CD93: Complement component C1q receptor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 7.97636628318753-9.78178625918753, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (8.725 / -) StdDev: (0.406 / -)

v182_IL_18BP: Interleukin-18-binding protein (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.7780684059127-5.9286287159127, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.66 / -) StdDev: (0.431 / -)

v182b_IL_18BP: Interleukin-18-binding protein (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.5565701559127-5.6588731659127, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.548 / -) StdDev: (0.395 / -)

v182c_IL_18BP: Interleukin-18-binding protein (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.5560774959127-6.0920114459127, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.627 / -) StdDev: (0.521 / -)

v183_COL1A1: Collagen alpha-1(I) chain (Before food intake)

Information: Type: continuous, Format: numeric, Range: 2.54183362122213-5.18336809122213, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.709 / -) StdDev: (0.561 / -)

v183_COL1A1: Collagen alpha-1(I) chain (Before food intake)**v183b_COL1A1: Collagen alpha-1(I) chain (30 minutes after food intake)**

Information: Type: continuous, Format: numeric, Range: 2.60314606122213-4.98904923122213, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (3.645 / -) StdDev: (0.53 / -)

v183c_COL1A1: Collagen alpha-1(I) chain (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 2.86492215122213-4.67028854122213, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (3.712 / -) StdDev: (0.539 / -)

v184_PON3: Paraoxonase (PON 3) (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.1505637558466-7.8488725658466, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.302 / -) StdDev: (0.816 / -)

v184b_PON3: Paraoxonase (PON 3) (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.2449413558466-7.7047969458466, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.301 / -) StdDev: (0.617 / -)

v184c_PON3: Paraoxonase (PON 3) (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.9825579758466-7.3116533158466, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.3 / -) StdDev: (0.731 / -)

v185_CTSZ: Cathepsin Z (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.97766134584023-5.38077603584023, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.569 / -) StdDev: (0.37 / -)

v185b_CTSZ: Cathepsin Z (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.80870292584023-5.02814512584023, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.426 / -) StdDev: (0.339 / -)

Variables Description

Dataset contains 284 variable(s)

v185c_CTSZ: Cathepsin Z (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.89208176584023-5.99895783584023, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.568 / -) StdDev: (0.521 / -)

v186_MMP_3: Matrix metalloproteinase-3 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.55038116012763-7.83563326012763, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.98 / -) StdDev: (0.883 / -)

v186b_MMP_3: Matrix metalloproteinase-3 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.39112086012763-7.39089807012763, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.714 / -) StdDev: (0.792 / -)

v186c_MMP_3: Matrix metalloproteinase-3 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.84411852012763-7.26908379012763, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.531 / -) StdDev: (0.786 / -)

v187_RARRES2: Retinoic acid receptor responder protein 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 10.2679261559-11.2377457509, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (10.637 / -) StdDev: (0.264 / -)

v187b_RARRES2: Retinoic acid receptor responder protein 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 10.1870421559-10.9858558649, Missing: *
Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (10.512 / -) StdDev: (0.234 / -)

v187c_RARRES2: Retinoic acid receptor responder protein 2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 10.1163290859-11.4222061409, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (10.591 / -) StdDev: (0.353 / -)

v188_ICAM_2: Intercellular adhesion molecule 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 3.65244603902113-5.69634637902113, Missing: *
Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.26 / -) StdDev: (0.404 / -)

v188b_ICAM_2: Intercellular adhesion molecule 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.50671976902113-5.44624211902113, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.113 / -) StdDev: (0.413 / -)

v188c_ICAM_2: Intercellular adhesion molecule 2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.54237459902113-5.78926766902113, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.225 / -) StdDev: (0.495 / -)

v189_KLK6: Kallikrein-6 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.35594368757187-6.73165194757187, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.804 / -) StdDev: (0.338 / -)

v189b_KLK6: Kallikrein-6 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.27848331757187-6.66820221757187, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.799 / -) StdDev: (0.3 / -)

v189c_KLK6: Kallikrein-6 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.17848579757187-7.01205094757187, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.755 / -) StdDev: (0.44 / -)

v190_PDGF_subunit_A: Platelet-derived growth factor subunit A (Before food intake)

Information: Type: continuous, Format: numeric, Range: 4.50582613008693-7.89474674008693, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.62 / -) StdDev: (0.71 / -)

v190b_PDGF_subunit_A: Platelet-derived growth factor subunit A (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.34065537008693-7.57527750008693, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.428 / -) StdDev: (0.675 / -)

v190c_PDGF_subunit_A: Platelet-derived growth factor subunit A (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.88705568008693-6.31179982008693, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.566 / -) StdDev: (0.441 / -)

v191_TNF_R1: Tumor necrosis factor receptor 1 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.19702858981867-6.94730445981867, Missing: *

v191_TNF_R1: Tumor necrosis factor receptor 1 (Before food intake)

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.79 / -) StdDev: (0.386 / -)

v191b_TNF_R1: Tumor necrosis factor receptor 1 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.03859808981867-6.59244876981867, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.654 / -) StdDev: (0.293 / -)

v191c_TNF_R1: Tumor necrosis factor receptor 1 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.02319332981867-6.80557867981867, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (5.654 / -) StdDev: (0.408 / -)

v192_IGFBP_2: Insulin-like Growth Factor-Binding Protein 2 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.1623659101589-8.4421204771589, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.814 / -) StdDev: (0.891 / -)

v192b_IGFBP_2: Insulin-like Growth Factor-Binding Protein 2 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.3674282201589-8.2456447961589, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.802 / -) StdDev: (0.789 / -)

v192c_IGFBP_2: Insulin-like Growth Factor-Binding Protein 2 (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.9782793301589-8.6316535831589, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.922 / -) StdDev: (0.91 / -)

v193_vWF: von Willebrand factor (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.54450774857957-7.18395262857957, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.565 / -) StdDev: (0.458 / -)

v193b_vWF: von Willebrand factor (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.04825527857957-7.43600037857957, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (6.406 / -) StdDev: (0.595 / -)

v193c_vWF: von Willebrand factor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 5.34708254857957-7.70228170857957, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.311 / -) StdDev: (0.614 / -)

v193c_vWF: von Willebrand factor (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.7178361317948-5.6848611717948, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.432 / -) StdDev: (0.386 / -)

v194b_PECAM_1: Platelet endothelial cell adhesion molecule (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.5686990017948-7.3778962817948, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (4.366 / -) StdDev: (0.79 / -)

v194c_PECAM_1: Platelet endothelial cell adhesion molecule (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 3.5084694117948-5.4364916217948, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (4.197 / -) StdDev: (0.455 / -)

v195_NT_proBNP: N-terminal prohormone brain natriuretic peptide

Information: Type: continuous, Format: numeric, Range: -0.132661078333332-1.905254773, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.694 / -) StdDev: (0.608 / -)

v195b_NT_proBNP: N-terminal prohormone brain natriuretic peptide (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: -0.132661078333332-2.365531473, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (0.708 / -) StdDev: (0.657 / -)

v195c_NT_proBNP: N-terminal prohormone brain natriuretic peptide (120 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: -0.132661078333332-2.659538783, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (0.806 / -) StdDev: (0.795 / -)

v196_CCL16: C-C motif chemokine 16 (Before food intake)

Information: Type: continuous, Format: numeric, Range: 5.18611642984703-7.34269890984703, Missing: *

Statistics (NW/ W): Valid: (22 / -) Invalid: (0 / -) Mean: (6.02 / -) StdDev: (0.459 / -)

v196b_CCL16: C-C motif chemokine 16 (30 minutes after food intake)

Information: Type: continuous, Format: numeric, Range: 4.88130528984703-7.12442432984703, Missing: *

Statistics (NW/ W): Valid: (21 / -) Invalid: (1 / -) Mean: (5.889 / -) StdDev: (0.443 / -)

v196c_CCL16: C-C motif chemokine 16 (120 minutes after food intake)

Information:	Type: continuous, Format: numeric, Range: 4.95242968984703-7.27287340984703, Missing: *
Statistics (NW/ W):	Valid: (22 / -) Invalid: (0 / -) Mean: (5.98 / -) StdDev: (0.521 / -)