

**NHANES 2005-2006 Lab Data Items**

**August 2008**

**Note:** Two versions of the complete list of variables are presented as **Table A** and **Table B**, respectively, in this document.

Variables in **Table A** are sorted by "Component" and variable position in the data.

Variables in **Table B** are sorted alphabetically by "Label".

**Table A: List of variables sorted by "Component" and variable position in the data.**

Item #	File name	Component	Variable ID	Label
1	AL_IGE_D	Allergen IgE Serum Tests	SEQN	Respondent sequence number
2	AL_IGE_D	Allergen IgE Serum Tests	LBXIGE	Serum total IgE antibody (kU/L)
3	AL_IGE_D	Allergen IgE Serum Tests	LBDIGELC	Serum total IgE antibody comment code
4	AL_IGE_D	Allergen IgE Serum Tests	LBXID2	D. Farinae IgE antibody (kU/L)
5	AL_IGE_D	Allergen IgE Serum Tests	LBDID2LC	D. Farinae IgE antibody comment code
6	AL_IGE_D	Allergen IgE Serum Tests	LBXID1	D. Pteronyssinus IgE antibody (kU/L)
7	AL_IGE_D	Allergen IgE Serum Tests	LBDID1LC	D. Pteronyssin IgE antibody comment code
8	AL_IGE_D	Allergen IgE Serum Tests	LBXIE1	Cat IgE antibody (kU/L)
9	AL_IGE_D	Allergen IgE Serum Tests	LBDIE1LC	Cat IgE antibody comment code
10	AL_IGE_D	Allergen IgE Serum Tests	LBXIE5	Dog IgE antibody (kU/L)
11	AL_IGE_D	Allergen IgE Serum Tests	LBDIE5LC	Dog IgE antibody comment code
12	AL_IGE_D	Allergen IgE Serum Tests	LBXII6	Cockroach IgE antibody (kU/L)
13	AL_IGE_D	Allergen IgE Serum Tests	LBDII6LC	Cockroach IgE antibody comment code
14	AL_IGE_D	Allergen IgE Serum Tests	LBXIM6	Alternaria IgE antibody (kU/L)
15	AL_IGE_D	Allergen IgE Serum Tests	LBDIM6LC	Alternaria IgE comment code
16	AL_IGE_D	Allergen IgE Serum Tests	LBXF13	Peanut IgE antibody (kU/L)
17	AL_IGE_D	Allergen IgE Serum Tests	LBDF13LC	Peanut IgE antibody comment code
18	AL_IGE_D	Allergen IgE Serum Tests	LBXIF1	Egg IgE antibody (kU/L)
19	AL_IGE_D	Allergen IgE Serum Tests	LBDIF1LC	Egg IgE antibody comment code
20	AL_IGE_D	Allergen IgE Serum Tests	LBXIF2	Milk IgE antibody (kU/L)
21	AL_IGE_D	Allergen IgE Serum Tests	LBDIF2LC	Milk IgE antibody comment code
22	AL_IGE_D	Allergen IgE Serum Tests	LBXIW1	Ragweed IgE antibody (kU/L)
23	AL_IGE_D	Allergen IgE Serum Tests	LBDIW1LC	Ragweed IgE antibody comment code
24	AL_IGE_D	Allergen IgE Serum Tests	LBXIG5	Rye grass IgE antibody (kU/L)
25	AL_IGE_D	Allergen IgE Serum Tests	LBDIG5LC	Rye grass IgE antibody comment code

Item #	File name	Component	Variable ID	Label
26	AL_IGE_D	Allergen IgE Serum Tests	LBXIG2	Bermuda grass IgE antibody (kU/L)
27	AL_IGE_D	Allergen IgE Serum Tests	LBDIG2LC	Bermuda grass IgE antibody comment code
28	AL_IGE_D	Allergen IgE Serum Tests	LBXIT7	Oak IgE antibody (kU/L)
29	AL_IGE_D	Allergen IgE Serum Tests	LBDIT7LC	Oak IgE antibody comment code
30	AL_IGE_D	Allergen IgE Serum Tests	LBXIT3	Birch IgE antibody (kU/L)
31	AL_IGE_D	Allergen IgE Serum Tests	LBDIT3LC	Birch IgE antibody comment code
32	AL_IGE_D	Allergen IgE Serum Tests	LBXF24	Shellfish IgE antibody (kU/L)
33	AL_IGE_D	Allergen IgE Serum Tests	LBDF24LC	Shellfish IgE antibody comment code
34	AL_IGE_D	Allergen IgE Serum Tests	LBXIM3	Aspergillus IgE antibody (kU/L)
35	AL_IGE_D	Allergen IgE Serum Tests	LBDIM3LC	Aspergillus IgE comment code
36	AL_IGE_D	Allergen IgE Serum Tests	LBXW11	Thistle IgE antibody (kU/L)
37	AL_IGE_D	Allergen IgE Serum Tests	LBDW11LC	Thistle IgE antibody comment code
38	AL_IGE_D	Allergen IgE Serum Tests	LBXE72	Mouse IgE antibody (kU/L)
39	AL_IGE_D	Allergen IgE Serum Tests	LBDE72LC	Mouse IgE comment code
40	AL_IGE_D	Allergen IgE Serum Tests	LBXE74	Rat IgE antibody (kU/L)
41	AL_IGE_D	Allergen IgE Serum Tests	LBDE74LC	Rat IgE antibody comment code
42	ALB_CR_D	Urinary Albumin and Creatinine	SEQN	Respondent sequence number
43	ALB_CR_D	Urinary Albumin and Creatinine	URXUMA	Albumin, urine (ug/mL)
44	ALB_CR_D	Urinary Albumin and Creatinine	URXUMS	Albumin, urine (mg/L)
45	ALB_CR_D	Urinary Albumin and Creatinine	URXUCR	Creatinine, urine (mg/dL)
46	ALB_CR_D	Urinary Albumin and Creatinine	URXCRS	Creatinine, urine (umol/L)
47	B12_D	Vitamin B12	SEQN	Respondent sequence number
48	B12_D	Vitamin B12	LBXB12	Vitamin B12 ( pg/mL)
49	B12_D	Vitamin B12	LBDB12SI	Vitamin B12 (pmol/L)
50	BIOPRO_D	Standard Biochemistry Profile	SEQN	Respondent sequence number
51	BIOPRO_D	Standard Biochemistry Profile	LBXSAL	Albumin (g/dL)
52	BIOPRO_D	Standard Biochemistry Profile	LBDSALSI	Albumin (g/L)
53	BIOPRO_D	Standard Biochemistry Profile	LBXSATSI	Alanine aminotransferase ALT (U/L)
54	BIOPRO_D	Standard Biochemistry Profile	LBXSASSI	Aspartate aminotransferase AST (U/L)
55	BIOPRO_D	Standard Biochemistry Profile	LBXSAPSI	Alkaline phosphatase (U/L)
56	BIOPRO_D	Standard Biochemistry Profile	LBXSBU	Blood urea nitrogen (mg/dL)
57	BIOPRO_D	Standard Biochemistry Profile	LBDSBUSI	Blood urea nitrogen (mmol/L)
58	BIOPRO_D	Standard Biochemistry Profile	LBXSCA	Total calcium (mg/dL)
59	BIOPRO_D	Standard Biochemistry Profile	LBDS CASI	Total calcium (mmol/L)
60	BIOPRO_D	Standard Biochemistry Profile	LBXSCH	Cholesterol (mg/dL)
61	BIOPRO_D	Standard Biochemistry Profile	LBDSCHSI	Cholesterol (mmol/L)

Item #	File name	Component	Variable ID	Label
62	BIOPRO_D	Standard Biochemistry Profile	LBXSC3SI	Bicarbonate (mmol/L)
63	BIOPRO_D	Standard Biochemistry Profile	LBXSCR	Creatinine (mg/dL)
64	BIOPRO_D	Standard Biochemistry Profile	LBDS CRSI	Creatinine (umol/L)
65	BIOPRO_D	Standard Biochemistry Profile	LBXSGTSI	Gamma glutamyl transferase (U/L)
66	BIOPRO_D	Standard Biochemistry Profile	LBXSGL	Glucose, serum (mg/dL)
67	BIOPRO_D	Standard Biochemistry Profile	LBDSGLSI	Glucose, serum (mmol/L)
68	BIOPRO_D	Standard Biochemistry Profile	LBXSIR	Iron, refrigerated (ug/dL)
69	BIOPRO_D	Standard Biochemistry Profile	LBDSIRSI	Iron, refrigerated (umol/L)
70	BIOPRO_D	Standard Biochemistry Profile	LBXSLDSI	Lactate dehydrogenase LDH (U/L)
71	BIOPRO_D	Standard Biochemistry Profile	LBXSPH	Phosphorus (mg/dL)
72	BIOPRO_D	Standard Biochemistry Profile	LBDSPHSI	Phosphorus (mmol/L)
73	BIOPRO_D	Standard Biochemistry Profile	LBXSTB	Total bilirubin (mg/dL)
74	BIOPRO_D	Standard Biochemistry Profile	LB DSTBSI	Bilirubin, total (umol/L)
75	BIOPRO_D	Standard Biochemistry Profile	LBXSTP	Total protein (g/dL)
76	BIOPRO_D	Standard Biochemistry Profile	LB DSTPSI	Total protein (g/L)
77	BIOPRO_D	Standard Biochemistry Profile	LBXSTR	Triglycerides (mg/dL)
78	BIOPRO_D	Standard Biochemistry Profile	LB DSTRSI	Triglycerides (mmol/L)
79	BIOPRO_D	Standard Biochemistry Profile	LBXSUA	Uric acid (mg/dL)
80	BIOPRO_D	Standard Biochemistry Profile	LBDSUASI	Uric acid (umol/L)
81	BIOPRO_D	Standard Biochemistry Profile	LBXSNASI	Sodium (mmol/L)
82	BIOPRO_D	Standard Biochemistry Profile	LBXSKSI	Potassium (mmol/L)
83	BIOPRO_D	Standard Biochemistry Profile	LBXSCLSI	Chloride (mmol/L)
84	BIOPRO_D	Standard Biochemistry Profile	LBXSOSI	Osmolality (mmol/Kg)
85	BIOPRO_D	Standard Biochemistry Profile	LBXSGB	Globulin (g/dL)
86	BIOPRO_D	Standard Biochemistry Profile	LBDSGBSI	Globulin (g/L)
87	CBC_D	Complete Blood Count	SEQN	Respondent sequence number
88	CBC_D	Complete Blood Count	LBXWBCSI	White blood cell count (1000 cells/uL)
89	CBC_D	Complete Blood Count	LBXLYPCT	Lymphocyte percent (%)
90	CBC_D	Complete Blood Count	LBXMOPCT	Monocyte percent (%)
91	CBC_D	Complete Blood Count	LBXNEPCT	Segmented neutrophils percent (%)
92	CBC_D	Complete Blood Count	LBXEOPCT	Eosinophils percent (%)
93	CBC_D	Complete Blood Count	LBXBAPCT	Basophils percent (%)
94	CBC_D	Complete Blood Count	LB DLYMNO	Lymphocyte number (1000 cells/uL)
95	CBC_D	Complete Blood Count	LBDMONO	Monocyte number (1000 cells/uL)
96	CBC_D	Complete Blood Count	LB DNENO	Segmented neutrophils num (1000 cell/uL)
97	CBC_D	Complete Blood Count	LBDEONO	Eosinophils number (1000 cells/uL)

Item #	File name	Component	Variable ID	Label
98	CBC_D	Complete Blood Count	LBDBANO	Basophils number (1000 cells/uL)
99	CBC_D	Complete Blood Count	LBXRBCSI	Red blood cell count (million cells/uL)
100	CBC_D	Complete Blood Count	LBXHGB	Hemoglobin (g/dL)
101	CBC_D	Complete Blood Count	LBXHCT	Hematocrit (%)
102	CBC_D	Complete Blood Count	LBXMCVSI	Mean cell volume (fL)
103	CBC_D	Complete Blood Count	LBXMCHSI	Mean cell hemoglobin (pg)
104	CBC_D	Complete Blood Count	LBXMC	MCHC (g/dL)
105	CBC_D	Complete Blood Count	LBXRDW	Red cell distribution width (%)
106	CBC_D	Complete Blood Count	LBXPLTSI	Platelet count SI (1000 cells/uL)
107	CBC_D	Complete Blood Count	LBXMPSI	Mean platelet volume (fL)
108	CHLMDA_D	Urinary Chlamydia and Gonorrhea	SEQN	Respondent sequence number
109	CHLMDA_D	Urinary Chlamydia and Gonorrhea	URXUCL	Urinary Chlamydia
110	CHLMDA_D	Urinary Chlamydia and Gonorrhea	URXUGC	Urinary Gonorrhea
111	COT_D	Serum Cotinine	SEQN	Respondent sequence number
112	COT_D	Serum Cotinine	LBXCOT	Cotinine (ng/mL)
113	CRP_D	C-Reactive Protein	SEQN	Respondent sequence number
114	CRP_D	C-Reactive Protein	LBXCRP	C-reactive protein(mg/dL)
115	EPP_D	Erythrocyte Protoporphyrin (EPP)	SEQN	Respondent sequence number
116	EPP_D	Erythrocyte Protoporphyrin (EPP)	LBXEPP	Protoporphyrin(ug/dL RBC)
117	EPP_D	Erythrocyte Protoporphyrin (EPP)	LBDEPPSI	Protoporphyrin (umol/L RBC)
118	FASTQX_D	Phlebotomy Fasting Questionnaire	SEQN	Respondent sequence number
119	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ020	Coffee or tea with cream or sugar?
120	FASTQX_D	Phlebotomy Fasting Questionnaire	PHACOFHR	Coffee/tea fast time (hours)
121	FASTQX_D	Phlebotomy Fasting Questionnaire	PHACOFMN	Coffee/tea fast time (minutes)
122	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ030	Alcohol, such as beer, wine, or liquor?
123	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAALCHR	Alcohol fast time (hours)
124	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAALCMN	Alcohol fast time (minutes)
125	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ040	Gum, mints, lozenges or cough drops
126	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAGUMHR	Gum, mints cough drops fast time (hours)
127	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAGUMMN	Gum, mints, cough fast time (minutes)
128	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ050	Antacids, laxatives, or anti-diarrheals?
129	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAANTHR	Antacids, laxatives fast time (hours)
130	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAANTMN	Antacids, laxatives fast time (minutes)
131	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ060	Dietary supplements?
132	FASTQX_D	Phlebotomy Fasting Questionnaire	PHASUPHR	Dietary supplements fast time (hours)
133	FASTQX_D	Phlebotomy Fasting Questionnaire	PHASUPMN	Dietary supplements fast time (minutes)

Item #	File name	Component	Variable ID	Label
134	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAFSTHR	Total length of "food fast," hours
135	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAFSTMN	Total length of "food fast," minutes
136	FASTQX_D	Phlebotomy Fasting Questionnaire	PHDSESN	Session in which SP was examined
137	FERTIN_D	Ferritin	SEQN	Respondent sequence number
138	FERTIN_D	Ferritin	LBXFER	Ferritin(ng/mL)
139	FERTIN_D	Ferritin	LBDFERSI	Ferritin(ug/L)
140	FETIB_D	Iron, TIBC, Transferrin Saturation	SEQN	Respondent sequence number
141	FETIB_D	Iron, TIBC, Transferrin Saturation	LBXIRN	Iron, Frozen Serum (ug/dL)
142	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDIRNSI	Iron, Frozen Serum (umol/L)
143	FETIB_D	Iron, TIBC, Transferrin Saturation	LBXTIB	TIBC, Frozen Serum (ug/dL)
144	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDTIBSI	TIBC, Frozen Serum (umol/L)
145	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDPCT	Transferrin saturation (%)
146	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	SEQN	Respondent sequence number
147	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBXRBF	Folate, RBC (ng/mL RBC)
148	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBDRBFSI	Folate, RBC(nmol/L RBC)
149	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBXFOL	Folate, serum (ng/mL)
150	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBDFOLSI	Folate, serum (nmol/L)
151	GHB_D	Glycohemoglobin	SEQN	Respondent sequence number
152	GHB_D	Glycohemoglobin	LBXGH	Glycohemoglobin (%)
153	GLU_D	Plasma Fasting Glucose and Insulin	SEQN	Respondent sequence number
154	GLU_D	Plasma Fasting Glucose and Insulin	WTSAF2YR	Fasting Subsample 2 Year MEC Weight
155	GLU_D	Plasma Fasting Glucose and Insulin	LBXGLU	Fasting Glucose (mg/dL)
156	GLU_D	Plasma Fasting Glucose and Insulin	LBDGLUSI	Fasting Glucose (mmol/L)
157	GLU_D	Plasma Fasting Glucose and Insulin	LBXIN	Insulin (uU/mL )
158	GLU_D	Plasma Fasting Glucose and Insulin	LBDINSI	Insulin (pmol/L)
159	GLU_D	Plasma Fasting Glucose and Insulin	PHAFSTHR	Total length of 'food fast', hours
160	GLU_D	Plasma Fasting Glucose and Insulin	PHAFSTMN	Total length of 'food fast', minutes
161	HDL_D	HDL-Cholesterol	SEQN	Respondent sequence number
162	HDL_D	HDL-Cholesterol	LBDHDD	Direct HDL-Cholesterol (mg/dL)
163	HDL_D	HDL-Cholesterol	LBDHDDSI	Direct HDL-Cholesterol (mmol/L)
164	HEPA_D	Hepatitis A Antibody	SEQN	Respondent sequence number
165	HEPA_D	Hepatitis A Antibody	LBXHA	Hepatitis A Antibody (Anti-HAV)
166	HEPB_S_D	Hepatitis B surface antibody	SEQN	Respondent sequence number
167	HEPB_S_D	Hepatitis B surface antibody	LBXHBS	Hepatitis B Surface Antibody
168	HEPBD_D	Hepatitis B and D	SEQN	Respondent sequence number
169	HEPBD_D	Hepatitis B and D	LBXHBC	Hepatitis B core antibody

Item #	File name	Component	Variable ID	Label
170	HEPBD_D	Hepatitis B and D	LBDHBG	Hepatitis B surface antigen
171	HEPBD_D	Hepatitis B and D	LBDHD	Hepatitis D (anti-HDV)
172	HEPC_D	Hepatitis C antibody	SEQN	Respondent sequence number
173	HEPC_D	Hepatitis C antibody	LBDHCV	Hepatitis C antibody (confirmed)
174	HIV_D	Human Immunodeficiency Virus (HIV)	SEQN	Respondent sequence number
175	HIV_D	Human Immunodeficiency Virus (HIV)	LBDHI	HIV antibody test result
176	HIV_D	Human Immunodeficiency Virus (HIV)	LBXCD4	CD4 counts (cells/mm3)
177	HIV_D	Human Immunodeficiency Virus (HIV)	LBXCD8	CD8 counts (cells/mm3)
178	HSV_D	Herpes Simplex Virus I and II	SEQN	Respondent sequence number
179	HSV_D	Herpes Simplex Virus I and II	LBXHE1	Herpes Simplex Virus I
180	HSV_D	Herpes Simplex Virus I and II	LBXHE2	Herpes Simplex Virus II
181	OGTT_D	Two Hour Oral Glucose Tolerance Test	SEQN	Respondent sequence number
182	OGTT_D	Two Hour Oral Glucose Tolerance Test	WTSOG2YR	OGTT Subsample 2 Year MEC Weight
183	OGTT_D	Two Hour Oral Glucose Tolerance Test	LBXGLT	Two Hour Glucose(OGTT) (mg/dL)
184	OGTT_D	Two Hour Oral Glucose Tolerance Test	LBDGLTSI	Two Hour Glucose(OGTT) (mmol/L)
185	OGTT_D	Two Hour Oral Glucose Tolerance Test	PHAFSTHR	Total length of 'food fast', hours
186	OGTT_D	Two Hour Oral Glucose Tolerance Test	PHAFSTMN	Total length of 'food fast', minutes
187	PBCD_D	Blood Lead and Blood Cadmium	SEQN	Respondent sequence number
188	PBCD_D	Blood Lead and Blood Cadmium	LBXBCD	Cadmium (ug/L)
189	PBCD_D	Blood Lead and Blood Cadmium	LBDBCDSI	Cadmium (nmol/L)
190	PBCD_D	Blood Lead and Blood Cadmium	LBXBPB	Lead (ug/dL)
191	PBCD_D	Blood Lead and Blood Cadmium	LBDBPBSI	Lead (umol/L)
192	PSA_D	PSA and Questions	SEQN	Respondent sequence number
193	PSA_D	PSA and Questions	KIQ110	Willing to have blood tested for PSA
194	PSA_D	PSA and Questions	KIQ115	Infection or inflammation of prostate
195	PSA_D	PSA and Questions	KIQ185	Rectal exam in the last 7 days
196	PSA_D	PSA and Questions	KIQ191	prostate biopsy or surgery in last 4 wks
197	PSA_D	PSA and Questions	KIQ195	Cystoscopy in the last 4 weeks
198	PSA_D	PSA and Questions	KIQ201	Diagnosed with prostate cancer
199	PSA_D	PSA and Questions	KID221	Age at diagnosis of prostate cancer
200	PSA_D	PSA and Questions	KIQ241	Ever had prostate surgery
201	PSA_D	PSA and Questions	KIQ282	Surgery for prostate cancer?
202	PSA_D	PSA and Questions	KIQ301	Radiation treatment for prostate cancer
203	PSA_D	PSA and Questions	KIQ311	Taken medicines for prostate cancer
204	PSA_D	PSA and Questions	LBXP1	Total prostate specific antigen (ng/mL)
205	PSA_D	PSA and Questions	LBXP2	Free prostate specific antigen (ng/mL)

Item #	File name	Component	Variable ID	Label
206	PSA_D	PSA and Questions	LBDP3	Prostate specific antigen ratio (%)
207	PTH_D	Parathyroid Hormone	SEQN	Respondent sequence number
208	PTH_D	Parathyroid Hormone	LBXPT21	Parathyroid Hormone(Elecys method) pg/mL
209	TCHOL_D	Total Cholesterol	SEQN	Respondent sequence number
210	TCHOL_D	Total Cholesterol	LBXTC	Total cholesterol (mg/dL)
211	TCHOL_D	Total Cholesterol	LBDTCSI	Total Cholesterol( mmol/L)
212	TFR_D	Transferrin Receptor	SEQN	Respondent sequence number
213	TFR_D	Transferrin Receptor	LBXTFR	Transferrin Receptor (mg/L)
214	THGIHG_D	Total Mercury and Inorganic Mercury	SEQN	Respondent sequence number
215	THGIHG_D	Total Mercury and Inorganic Mercury	LBXTHG	Mercury, total (ug/L)
216	THGIHG_D	Total Mercury and Inorganic Mercury	LBDTHGSI	Mercury, total (umol/L )
217	THGIHG_D	Total Mercury and Inorganic Mercury	LBDTHGLC	Mercury, total comment code
218	THGIHG_D	Total Mercury and Inorganic Mercury	LBXIHG	Mercury, inorganic (ug/L)
219	THGIHG_D	Total Mercury and Inorganic Mercury	LBDIHGSI	Mercury, inorganic (umol/L )
220	THGIHG_D	Total Mercury and Inorganic Mercury	LBDIHGLC	Mercury, inorganic comment code
221	TRIGLY_D	Triglyceride, LDL, Apo B	SEQN	Respondent sequence number
222	TRIGLY_D	Triglyceride, LDL, Apo B	WTSAF2YR	Fasting Subsample 2 Year MEC Weight
223	TRIGLY_D	Triglyceride, LDL, Apo B	LBXTR	Triglyceride (mg/dL)
224	TRIGLY_D	Triglyceride, LDL, Apo B	LBDTRSI	Triglyceride (mmol/L)
225	TRIGLY_D	Triglyceride, LDL, Apo B	LBDLDL	LDL-cholesterol (mg/dL)
226	TRIGLY_D	Triglyceride, LDL, Apo B	LBDLDLSI	LDL-cholesterol (mmol/L)
227	TRIGLY_D	Triglyceride, LDL, Apo B	LBXAPB	Apolipoprotein (B) (mg/dL)
228	TRIGLY_D	Triglyceride, LDL, Apo B	LBDAPBSI	Apolipoprotein (B) (g/L)
229	UCPREG_D	Urine Pregnancy Test	SEQN	Respondent sequence number
230	UCPREG_D	Urine Pregnancy Test	URXPREG	Pregnancy test result
231	UHG_D	Urinary Mercury	SEQN	Respondent sequence number
232	UHG_D	Urinary Mercury	URXUHG	Mercury, urine (ng/mL)
233	UHG_D	Urinary Mercury	URDUHGLC	Urinary mercury comment code
234	UHG_D	Urinary Mercury	URXUCR	Creatinine, urine (mg/dL)
235	UHG_D	Urinary Mercury	WTSA2YR	Environmental A 2 year weights
236	UIO_D	Urinary Iodine	SEQN	Respondent sequence number
237	UIO_D	Urinary Iodine	URXUIO	Iodine, urine (ng/mL)
238	UIO_D	Urinary Iodine	URXUCR	Creatinine, urine (mg/dL)
239	UIO_D	Urinary Iodine	WTSC2YR	Two-year MEC weights of subsample C

Item #	File name	Component	Variable ID	Label
240	VID_D	Vitamin D	SEQN	Respondent sequence number
241	VID_D	Vitamin D	LBXVID	Vitamin D (ng/mL)

**NHANES 2005-2006 Lab Data Items**  
August 2008

**Table B: List of variables sorted alphabetically by "Label"**

Item #	File name	Component	Variable ID	Label
Item No.	Data File	Component	Item ID	Label
1	PSA_D	PSA and Questions	KID221	Age at diagnosis of prostate cancer
2	BIOPRO_D	Standard Biochemistry Profile	LBXSATSI	Alanine aminotransferase ALT (U/L)
3	BIOPRO_D	Standard Biochemistry Profile	LBXSAL	Albumin (g/dL)
4	BIOPRO_D	Standard Biochemistry Profile	LBDSALSI	Albumin (g/L)
5	ALB_CR_D	Urinary Albumin and Creatinine	URXUMS	Albumin, urine (mg/L)
6	ALB_CR_D	Urinary Albumin and Creatinine	URXUMA	Albumin, urine (ug/mL)
7	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAALCHR	Alcohol fast time (hours)
8	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAALCMN	Alcohol fast time (minutes)
9	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ030	Alcohol, such as beer, wine, or liquor?
10	BIOPRO_D	Standard Biochemistry Profile	LBXSAPSI	Alkaline phosphatase (U/L)
11	AL_IGE_D	Allergen IgE Serum Tests	LBXIM6	Alternaria IgE antibody (kU/L)
12	AL_IGE_D	Allergen IgE Serum Tests	LBDIM6LC	Alternaria IgE comment code
13	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAANTHR	Antacids, laxatives fast time (hours)
14	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAANTMN	Antacids, laxatives fast time (minutes)
15	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ050	Antacids, laxatives, or anti-diarrheals?
16	TRIGLY_D	Triglyceride, LDL, Apo B	LBDAPBSI	Apolipoprotein (B) (g/L)
17	TRIGLY_D	Triglyceride, LDL, Apo B	LBXAPB	Apolipoprotein (B) (mg/dL)
18	BIOPRO_D	Standard Biochemistry Profile	LBXSASSI	Aspartate aminotransferase AST (U/L)
19	AL_IGE_D	Allergen IgE Serum Tests	LBXIM3	Aspergillus IgE antibody (kU/L)
20	AL_IGE_D	Allergen IgE Serum Tests	LBDIM3LC	Aspergillus IgE comment code
21	CBC_D	Complete Blood Count	LBDBANO	Basophils number (1000 cells/uL)
22	CBC_D	Complete Blood Count	LBXBAPCT	Basophils percent (%)
23	AL_IGE_D	Allergen IgE Serum Tests	LBXIG2	Bermuda grass IgE antibody (kU/L)
24	AL_IGE_D	Allergen IgE Serum Tests	LBDIG2LC	Bermuda grass IgE antibody comment code
25	BIOPRO_D	Standard Biochemistry Profile	LBXSC3SI	Bicarbonate (mmol/L)



Item #	File name	Component	Variable ID	Label
26	BIOPRO_D	Standard Biochemistry Profile	LBDSTBSI	Bilirubin, total (umol/L)
27	AL_IGE_D	Allergen IgE Serum Tests	LBXIT3	Birch IgE antibody (kU/L)
28	AL_IGE_D	Allergen IgE Serum Tests	LBDIT3LC	Birch IgE antibody comment code
29	BIOPRO_D	Standard Biochemistry Profile	LBXSBU	Blood urea nitrogen (mg/dL)
30	BIOPRO_D	Standard Biochemistry Profile	LBDSBUSI	Blood urea nitrogen (mmol/L)
31	CRP_D	C-Reactive Protein	LBXCRP	C-reactive protein(mg/dL)
32	PBCD_D	Blood Lead and Blood Cadmium	LBDBCDSI	Cadmium (nmol/L)
33	PBCD_D	Blood Lead and Blood Cadmium	LBXBCD	Cadmium (ug/L)
34	AL_IGE_D	Allergen IgE Serum Tests	LBXIE1	Cat IgE antibody (kU/L)
35	AL_IGE_D	Allergen IgE Serum Tests	LBDIE1LC	Cat IgE antibody comment code
36	HIV_D	Human Immunodeficiency Virus (HIV)	LBXCD4	CD4 counts (cells/mm3)
37	HIV_D	Human Immunodeficiency Virus (HIV)	LBXCD8	CD8 counts (cells/mm3)
38	BIOPRO_D	Standard Biochemistry Profile	LBXSCLSI	Chloride (mmol/L)
39	BIOPRO_D	Standard Biochemistry Profile	LBXSCH	Cholesterol (mg/dL)
40	BIOPRO_D	Standard Biochemistry Profile	LBDSCHSI	Cholesterol (mmol/L)
41	AL_IGE_D	Allergen IgE Serum Tests	LBXII6	Cockroach IgE antibody (kU/L)
42	AL_IGE_D	Allergen IgE Serum Tests	LBDII6LC	Cockroach IgE antibody comment code
43	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ020	Coffee or tea with cream or sugar?
44	FASTQX_D	Phlebotomy Fasting Questionnaire	PHACOFHR	Coffee/tea fast time (hours)
45	FASTQX_D	Phlebotomy Fasting Questionnaire	PHACOFMN	Coffee/tea fast time (minutes)
46	COT_D	Serum Cotinine	LBXCOT	Cotinine (ng/mL)
47	BIOPRO_D	Standard Biochemistry Profile	LBXSCR	Creatinine (mg/dL)
48	BIOPRO_D	Standard Biochemistry Profile	LBDSCRSI	Creatinine (umol/L)
49	ALB_CR_D	Urinary Albumin and Creatinine	URXUCR	Creatinine, urine (mg/dL)
50	UHG_D	Urinary Mercury	URXUCR	Creatinine, urine (mg/dL)
51	UIO_D	Urinary Iodine	URXUCR	Creatinine, urine (mg/dL)
52	ALB_CR_D	Urinary Albumin and Creatinine	URXCGRS	Creatinine, urine (umol/L)
53	PSA_D	PSA and Questions	KIQ195	Cystoscopy in the last 4 weeks
54	AL_IGE_D	Allergen IgE Serum Tests	LBXID2	D. Farinae IgE antibody (kU/L)
55	AL_IGE_D	Allergen IgE Serum Tests	LBDID2LC	D. Farinae IgE antibody comment code
56	AL_IGE_D	Allergen IgE Serum Tests	LBDID1LC	D. Pteronyssin IgE antibody comment code
57	AL_IGE_D	Allergen IgE Serum Tests	LBXID1	D. Pteronyssinus IgE antibody (kU/L)
58	PSA_D	PSA and Questions	KIQ201	Diagnosed with prostate cancer
59	FASTQX_D	Phlebotomy Fasting Questionnaire	PHASUPHR	Dietary supplements fast time (hours)
60	FASTQX_D	Phlebotomy Fasting Questionnaire	PHASUPMN	Dietary supplements fast time (minutes)
61	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ060	Dietary supplements?

Item #	File name	Component	Variable ID	Label
62	HDL_D	HDL-Cholesterol	LBDHDD	Direct HDL-Cholesterol (mg/dL)
63	HDL_D	HDL-Cholesterol	LBDHDDSI	Direct HDL-Cholesterol (mmol/L)
64	AL_IGE_D	Allergen IgE Serum Tests	LBXIE5	Dog IgE antibody (kU/L)
65	AL_IGE_D	Allergen IgE Serum Tests	LBDIE5LC	Dog IgE antibody comment code
66	AL_IGE_D	Allergen IgE Serum Tests	LBXIF1	Egg IgE antibody (kU/L)
67	AL_IGE_D	Allergen IgE Serum Tests	LBDIF1LC	Egg IgE antibody comment code
68	UHG_D	Urinary Mercury	WTSA2YR	Environmental A 2 year weights
69	CBC_D	Complete Blood Count	LBDEONO	Eosinophils number (1000 cells/uL)
70	CBC_D	Complete Blood Count	LBXEOPCT	Eosinophils percent (%)
71	PSA_D	PSA and Questions	KIQ241	Ever had prostate surgery
72	GLU_D	Plasma Fasting Glucose and Insulin	LBXGLU	Fasting Glucose (mg/dL)
73	GLU_D	Plasma Fasting Glucose and Insulin	LBDGLUSI	Fasting Glucose (mmol/L)
74	GLU_D	Plasma Fasting Glucose and Insulin	WTSAF2YR	Fasting Subsample 2 Year MEC Weight
75	TRIGLY_D	Triglyceride, LDL, Apo B	WTSAF2YR	Fasting Subsample 2 Year MEC Weight
76	FERTIN_D	Ferritin	LBXFER	Ferritin(ng/mL)
77	FERTIN_D	Ferritin	LBDFERSI	Ferritin(ug/L)
78	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBXRBF	Folate, RBC (ng/mL RBC)
79	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBDRBFESI	Folate, RBC(nmol/L RBC)
80	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBXFOL	Folate, serum (ng/mL)
81	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	LBDFOLSI	Folate, serum (nmol/L)
82	PSA_D	PSA and Questions	LBXP2	Free prostate specific antigen (ng/mL)
83	BIOPRO_D	Standard Biochemistry Profile	LBXSGTSI	Gamma glutamyl transferase (U/L)
84	BIOPRO_D	Standard Biochemistry Profile	LBXSGB	Globulin (g/dL)
85	BIOPRO_D	Standard Biochemistry Profile	LBDSGBSI	Globulin (g/L)
86	BIOPRO_D	Standard Biochemistry Profile	LBXSGL	Glucose, serum (mg/dL)
87	BIOPRO_D	Standard Biochemistry Profile	LBDSGLSI	Glucose, serum (mmol/L)
88	GHB_D	Glycohemoglobin	LBXGH	Glycohemoglobin (%)
89	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAGUMHR	Gum, mints cough drops fast time (hours)
90	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAGUMMN	Gum, mints, cough fast time (minutes)
91	FASTQX_D	Phlebotomy Fasting Questionnaire	PHQ040	Gum, mints, lozenges or cough drops
92	CBC_D	Complete Blood Count	LBXHCT	Hematocrit (%)
93	CBC_D	Complete Blood Count	LBXHGB	Hemoglobin (g/dL)
94	HEPA_D	Hepatitis A Antibody	LBXHA	Hepatitis A Antibody (Anti-HAV)
95	HEPBD_D	Hepatitis B and D	LBXHBC	Hepatitis B core antibody
96	HEPB_S_D	Hepatitis B surface antibody	LBXHBS	Hepatitis B Surface Antibody
97	HEPBD_D	Hepatitis B and D	LBDHBG	Hepatitis B surface antigen

Item #	File name	Component	Variable ID	Label
98	HEPC_D	Hepatitis C antibody	LBDHCV	Hepatitis C antibody (confirmed)
99	HEPBD_D	Hepatitis B and D	LBDHD	Hepatitis D (anti-HDV)
100	HSV_D	Herpes Simplex Virus I and II	LBXHE1	Herpes Simplex Virus I
101	HSV_D	Herpes Simplex Virus I and II	LBXHE2	Herpes Simplex Virus II
102	HIV_D	Human Immunodeficiency Virus (HIV)	LBDHI	HIV antibody test result
103	PSA_D	PSA and Questions	KIQ115	Infection or inflammation of prostate
104	GLU_D	Plasma Fasting Glucose and Insulin	LBDINSI	Insulin (pmol/L)
105	GLU_D	Plasma Fasting Glucose and Insulin	LBXIN	Insulin (uU/mL )
106	UIO_D	Urinary Iodine	URXUIO	Iodine, urine (ng/mL)
107	FETIB_D	Iron, TIBC, Transferrin Saturation	LBXIRN	Iron, Frozen Serum (ug/dL)
108	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDIRNSI	Iron, Frozen Serum (umol/L)
109	BIOPRO_D	Standard Biochemistry Profile	LBXSIR	Iron, refrigerated (ug/dL)
110	BIOPRO_D	Standard Biochemistry Profile	LBDSIRSI	Iron, refrigerated (umol/L)
111	BIOPRO_D	Standard Biochemistry Profile	LBXSLDSI	Lactate dehydrogenase LDH (U/L)
112	TRIGLY_D	Triglyceride, LDL, Apo B	LBDLDL	LDL-cholesterol (mg/dL)
113	TRIGLY_D	Triglyceride, LDL, Apo B	LBDLDLSI	LDL-cholesterol (mmol/L)
114	PBCD_D	Blood Lead and Blood Cadmium	LBXBPB	Lead (ug/dL)
115	PBCD_D	Blood Lead and Blood Cadmium	LBDPBBSI	Lead (umol/L)
116	CBC_D	Complete Blood Count	LBDLYMNO	Lymphocyte number (1000 cells/uL)
117	CBC_D	Complete Blood Count	LBXLYPCT	Lymphocyte percent (%)
118	CBC_D	Complete Blood Count	LBXMC	MCHC (g/dL)
119	CBC_D	Complete Blood Count	LBXMCHSI	Mean cell hemoglobin (pg)
120	CBC_D	Complete Blood Count	LBXMCVSI	Mean cell volume (fL)
121	CBC_D	Complete Blood Count	LBXMPSI	Mean platelet volume (fL)
122	THGIHG_D	Total Mercury and Inorganic Mercury	LBXIHG	Mercury, inorganic (ug/L)
123	THGIHG_D	Total Mercury and Inorganic Mercury	LBDIHGSI	Mercury, inorganic (umol/L )
124	THGIHG_D	Total Mercury and Inorganic Mercury	LBDIHGLC	Mercury, inorganic comment code
125	THGIHG_D	Total Mercury and Inorganic Mercury	LBXTHG	Mercury, total (ug/L)
126	THGIHG_D	Total Mercury and Inorganic Mercury	LBDTHGSI	Mercury, total (umol/L )
127	THGIHG_D	Total Mercury and Inorganic Mercury	LBDTHGLC	Mercury, total comment code
128	UHG_D	Urinary Mercury	URXUHG	Mercury, urine (ng/mL)
129	AL_IGE_D	Allergen IgE Serum Tests	LBXIF2	Milk IgE antibody (kU/L)
130	AL_IGE_D	Allergen IgE Serum Tests	LBDIF2LC	Milk IgE antibody comment code
131	CBC_D	Complete Blood Count	LBDMONO	Monocyte number (1000 cells/uL)
132	CBC_D	Complete Blood Count	LBXMOPCT	Monocyte percent (%)
133	AL_IGE_D	Allergen IgE Serum Tests	LBXE72	Mouse IgE antibody (kU/L)

Item #	File name	Component	Variable ID	Label
134	AL_IGE_D	Allergen IgE Serum Tests	LBDE72LC	Mouse IgE comment code
135	AL_IGE_D	Allergen IgE Serum Tests	LBXIT7	Oak IgE antibody (kU/L)
136	AL_IGE_D	Allergen IgE Serum Tests	LBDIT7LC	Oak IgE antibody comment code
137	OGTT_D	Two Hour Oral Glucose Tolerance Test	WTSOG2YR	OGTT Subsample 2 Year MEC Weight
138	BIOPRO_D	Standard Biochemistry Profile	LBXSOSI	Osmolality (mmol/Kg)
139	PTH_D	Parathyroid Hormone	LBXPT21	Parathyroid Hormone(Elecys method) pg/mL
140	AL_IGE_D	Allergen IgE Serum Tests	LBXF13	Peanut IgE antibody (kU/L)
141	AL_IGE_D	Allergen IgE Serum Tests	LBDF13LC	Peanut IgE antibody comment code
142	BIOPRO_D	Standard Biochemistry Profile	LBXSPH	Phosphorus (mg/dL)
143	BIOPRO_D	Standard Biochemistry Profile	LBDSPHSI	Phosphorus (mmol/L)
144	CBC_D	Complete Blood Count	LBXPLTSI	Platelet count SI (1000 cells/uL)
145	BIOPRO_D	Standard Biochemistry Profile	LBXSKSI	Potassium (mmol/L)
146	UCPREG_D	Urine Pregnancy Test	URXPREG	Pregnancy test result
147	PSA_D	PSA and Questions	KIQ191	prostate biopsy or surgery in last 4 wks
148	PSA_D	PSA and Questions	LBDP3	Prostate specific antigen ratio (%)
149	EPP_D	Erythrocyte Protoporphyrin (EPP)	LBDEPPSI	Protoporphyrin (umol/L RBC)
150	EPP_D	Erythrocyte Protoporphyrin (EPP)	LBXEPP	Protoporphyrin(ug/dL RBC)
151	PSA_D	PSA and Questions	KIQ301	Radiation treatment for prostate cancer
152	AL_IGE_D	Allergen IgE Serum Tests	LBXIW1	Ragweed IgE antibody (kU/L)
153	AL_IGE_D	Allergen IgE Serum Tests	LBDIW1LC	Ragweed IgE antibody comment code
154	AL_IGE_D	Allergen IgE Serum Tests	LBXE74	Rat IgE antibody (kU/L)
155	AL_IGE_D	Allergen IgE Serum Tests	LBDE74LC	Rat IgE antibody comment code
156	PSA_D	PSA and Questions	KIQ185	Rectal exam in the last 7 days
157	CBC_D	Complete Blood Count	LBXRBCSI	Red blood cell count (million cells/uL)
158	CBC_D	Complete Blood Count	LBXRDW	Red cell distribution width (%)
159	AL_IGE_D	Allergen IgE Serum Tests	SEQN	Respondent sequence number
160	ALB_CR_D	Urinary Albumin and Creatinine	SEQN	Respondent sequence number
161	B12_D	Vitamin B12	SEQN	Respondent sequence number
162	BIOPRO_D	Standard Biochemistry Profile	SEQN	Respondent sequence number
163	CBC_D	Complete Blood Count	SEQN	Respondent sequence number
164	CHLMDA_D	Urinary Chlamydia and Gonorrhea	SEQN	Respondent sequence number
165	COT_D	Serum Cotinine	SEQN	Respondent sequence number
166	CRP_D	C-Reactive Protein	SEQN	Respondent sequence number
167	EPP_D	Erythrocyte Protoporphyrin (EPP)	SEQN	Respondent sequence number
168	FASTQX_D	Phlebotomy Fasting Questionnaire	SEQN	Respondent sequence number
169	FERTIN_D	Ferritin	SEQN	Respondent sequence number

Item #	File name	Component	Variable ID	Label
170	FETIB_D	Iron, TIBC, Transferrin Saturation	SEQN	Respondent sequence number
171	FOLATE_D	Erythrocyte (RBC) Folate and Serum Folate	SEQN	Respondent sequence number
172	GHB_D	Glycohemoglobin	SEQN	Respondent sequence number
173	GLU_D	Plasma Fasting Glucose and Insulin	SEQN	Respondent sequence number
174	HDL_D	HDL-Cholesterol	SEQN	Respondent sequence number
175	HEPA_D	Hepatitis A Antibody	SEQN	Respondent sequence number
176	HEPB_S_D	Hepatitis B surface antibody	SEQN	Respondent sequence number
177	HEPBD_D	Hepatitis B and D	SEQN	Respondent sequence number
178	HEPC_D	Hepatitis C antibody	SEQN	Respondent sequence number
179	HIV_D	Human Immunodeficiency Virus (HIV)	SEQN	Respondent sequence number
180	HSV_D	Herpes Simplex Virus I and II	SEQN	Respondent sequence number
181	OGTT_D	Two Hour Oral Glucose Tolerance Test	SEQN	Respondent sequence number
182	PBCD_D	Blood Lead and Blood Cadmium	SEQN	Respondent sequence number
183	PSA_D	PSA and Questions	SEQN	Respondent sequence number
184	PTH_D	Parathyroid Hormone	SEQN	Respondent sequence number
185	TCHOL_D	Total Cholesterol	SEQN	Respondent sequence number
186	TFR_D	Transferrin Receptor	SEQN	Respondent sequence number
187	THGIHG_D	Total Mercury and Inorganic Mercury	SEQN	Respondent sequence number
188	TRIGLY_D	Triglyceride, LDL, Apo B	SEQN	Respondent sequence number
189	UCPREG_D	Urine Pregnancy Test	SEQN	Respondent sequence number
190	UHG_D	Urinary Mercury	SEQN	Respondent sequence number
191	UIO_D	Urinary Iodine	SEQN	Respondent sequence number
192	VID_D	Vitamin D	SEQN	Respondent sequence number
193	AL_IGE_D	Allergen IgE Serum Tests	LBXIG5	Rye grass IgE antibody (kU/L)
194	AL_IGE_D	Allergen IgE Serum Tests	LBDIG5LC	Rye grass IgE antibody comment code
195	CBC_D	Complete Blood Count	LBDNENO	Segmented neutrophils num (1000 cell/uL)
196	CBC_D	Complete Blood Count	LBXNEPCT	Segmented neutrophils percent (%)
197	AL_IGE_D	Allergen IgE Serum Tests	LBXIGE	Serum total IgE antibody (kU/L)
198	AL_IGE_D	Allergen IgE Serum Tests	LBDIGELC	Serum total IgE antibody comment code
199	FASTQX_D	Phlebotomy Fasting Questionnaire	PHDSESN	Session in which SP was examined
200	AL_IGE_D	Allergen IgE Serum Tests	LBXF24	Shellfish IgE antibody (kU/L)
201	AL_IGE_D	Allergen IgE Serum Tests	LBDF24LC	Shellfish IgE antibody comment code
202	BIOPRO_D	Standard Biochemistry Profile	LBXSNASI	Sodium (mmol/L)
203	PSA_D	PSA and Questions	KIQ282	Surgery for prostate cancer?
204	PSA_D	PSA and Questions	KIQ311	Taken medicines for prostate cancer
205	AL_IGE_D	Allergen IgE Serum Tests	LBXW11	Thistle IgE antibody (kU/L)

Item #	File name	Component	Variable ID	Label
206	AL_IGE_D	Allergen IgE Serum Tests	LBDW11LC	Thistle IgE antibody comment code
207	FETIB_D	Iron, TIBC, Transferrin Saturation	LBXTIB	TIBC, Frozen Serum (ug/dL)
208	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDTIBSI	TIBC, Frozen Serum (umol/L)
209	BIOPRO_D	Standard Biochemistry Profile	LBXSTB	Total bilirubin (mg/dL)
210	BIOPRO_D	Standard Biochemistry Profile	LBXSCA	Total calcium (mg/dL)
211	BIOPRO_D	Standard Biochemistry Profile	LBDESCASI	Total calcium (mmol/L)
212	TCHOL_D	Total Cholesterol	LBXTC	Total cholesterol (mg/dL)
213	TCHOL_D	Total Cholesterol	LBDTCSI	Total Cholesterol( mmol/L)
214	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAFSTMN	Total length of "food fast," minutes
215	FASTQX_D	Phlebotomy Fasting Questionnaire	PHAFSTHR	Total length of "food fast," hours
216	GLU_D	Plasma Fasting Glucose and Insulin	PHAFSTHR	Total length of 'food fast', hours
217	OGTT_D	Two Hour Oral Glucose Tolerance Test	PHAFSTHR	Total length of 'food fast', hours
218	GLU_D	Plasma Fasting Glucose and Insulin	PHAFSTMN	Total length of 'food fast', minutes
219	OGTT_D	Two Hour Oral Glucose Tolerance Test	PHAFSTMN	Total length of 'food fast', minutes
220	PSA_D	PSA and Questions	LBXP1	Total prostate specific antigen (ng/mL)
221	BIOPRO_D	Standard Biochemistry Profile	LBXSTP	Total protein (g/dL)
222	BIOPRO_D	Standard Biochemistry Profile	LBDESTPSI	Total protein (g/L)
223	TFR_D	Transferrin Receptor	LBXTFR	Transferrin Receptor (mg/L)
224	FETIB_D	Iron, TIBC, Transferrin Saturation	LBDPCT	Transferrin saturation (%)
225	TRIGLY_D	Triglyceride, LDL, Apo B	LBXTR	Triglyceride (mg/dL)
226	TRIGLY_D	Triglyceride, LDL, Apo B	LBDTRSI	Triglyceride (mmol/L)
227	BIOPRO_D	Standard Biochemistry Profile	LBXSTR	Triglycerides (mg/dL)
228	BIOPRO_D	Standard Biochemistry Profile	LBDSTRSI	Triglycerides (mmol/L)
229	OGTT_D	Two Hour Oral Glucose Tolerance Test	LBXGLT	Two Hour Glucose(OGTT) (mg/dL)
230	OGTT_D	Two Hour Oral Glucose Tolerance Test	LBDGLTSI	Two Hour Glucose(OGTT) (mmol/L)
231	UIO_D	Urinary Iodine	WTSC2YR	Two-year MEC weights of subsample C
232	BIOPRO_D	Standard Biochemistry Profile	LBXSUA	Uric acid (mg/dL)
233	BIOPRO_D	Standard Biochemistry Profile	LBDSUASI	Uric acid (umol/L)
234	CHLMDA_D	Urinary Chlamydia and Gonorrhea	URXUCL	Urinary Chlamydia
235	CHLMDA_D	Urinary Chlamydia and Gonorrhea	URXUGC	Urinary Gonorrhea
236	UHG_D	Urinary Mercury	URDUHGLC	Urinary mercury comment code
237	B12_D	Vitamin B12	LBXB12	Vitamin B12 ( pg/mL)
238	B12_D	Vitamin B12	LBDB12SI	Vitamin B12 (pmol/L)
239	VID_D	Vitamin D	LBXVID	Vitamin D (ng/mL)
240	CBC_D	Complete Blood Count	LBXWBCSI	White blood cell count (1000 cells/uL)
241	PSA_D	PSA and Questions	KIQ110	Willing to have blood tested for PSA