

**NHANES 99+**  
**Codebook for Data Collection (1999-2000)**  
**June 2002**

**Lab 18 - Coulston-Biochemistry Profile, Follicle Stimulating Hormone and Luteinizing Hormone**  
**Person level data -- use Examination Weights for analysis**

SEQN	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
	Respondent sequence number	
English Text: Respondent sequence number.		
English Instructions: < blank >		
Codes:		

LBXSAL	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
00.0 - 99.9	Albumin (g/dL)	
English Text: Albumin (g/dL)		
English Instructions: < blank >		
Codes:		

LBDSALSI	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)
Hard Edits	SAS Label	
0 - 99	Albumin (g/L)	
English Text: Albumin (g/L)		
English Instructions: < blank >		
Codes:		

LBXSATSI	Version Info	Target
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
00000 - 99999	ALT (U/L)
English Text: Alanine aminotransferase (U/L)	
English Instructions: < blank >	
Codes:	

<b>LBXSASSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00000 - 99999	AST (U/L)	
English Text: Alanine aminotransferase (U/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSAPSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00000 - 99999	Alkaline phosphotase (U/L)	
English Text: Alkaline phosphotase (U/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSBU</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000 - 999	Blood urea nitrogen (mg/dL)	
English Text: Blood urea nitrogen (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSBUSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
000 - 999	Blood urea nitrogen (mmol/L)
English Text: Blood urea nitrogen (mmol/L)	
English Instructions: < blank >	
Codes:	

<b>LBXSCA</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00.0 - 99.9	Calcium, total (mg/dL)	
English Text: Calcium, total (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDESCASI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.000 - 99.999	Calcium, total (mmol/L)	
English Text: Calcium, total (mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSCH</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000 - 999	Cholesterol, total (mg/dL)	
English Text: Cholesterol, total (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSCHSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
0.00 - 999.99	Cholesterol, total (mmol/L)
English Text: Cholesterol, total (mmol/L)	
English Instructions: < blank >	
Codes:	

<b>LBXSC3SI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00 - 99	Bicarbonate (mmol/L)	
English Text: Bicarbonate (mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSGTSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0000 - 9999	GGT (U/L)	
English Text: Gamma Glutamyltransferase(U/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSGL</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0000 - 9999	Glucose (mg/dL)	
English Text: Glucose (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSGLSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
0.000 - 9999.999	Glucose (mmol/L)
English Text: Glucose (mmol/L)	
English Instructions: < blank >	
Codes:	

<b>LBXSIR</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0000 - 9999	Iron (ug/dL)	
English Text: Iron (ug/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSIRSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.00 - 9999.99	Iron (umol/L)	
English Text: Iron (umol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSLDSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0000 - 9999	LDH (U/L)	
English Text: Lactate dehydrogenase(U/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSPH</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
00.0 - 99.9	Phosphorus (mg/dL)
English Text: Phosphorus (mg/dL)	
English Instructions: < blank >	
Codes:	

<b>LBDSPHSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.000 - 99.999	Phosphorus (mmol/L)	
English Text: Phosphorus (mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSTB</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00.0 - 99.9	Bilirubin, total (mg/dL)	
English Text: Bilirubin, total (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSTBSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00.0 - 99.9	Bilirubin, total (umol/L)	
English Text: Bilirubin, total (umol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSTP</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
00.0 - 99.9	Protein, total (g/dL)
English Text: Protein, total (g/dL)	
English Instructions: < blank >	
Codes:	

<b>LBDSTPSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0 - 99	Protein, total (g/L)	
English Text: Protein, total (g/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSTR</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0000 - 9999	Triglycerides(mg/dL)	
English Text: Triglycerides(mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSTRSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.000 - 99.999	Triglycerides(mmol/L)	
English Text: Triglycerides(mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSUA</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
00.0 - 99.9	Uric acid (mg/dL)
English Text: Uric acid (mg/dL)	
English Instructions: < blank >	
Codes:	

<b>LBDSUASI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00.0 - 999.9	Uric acid (umol/L)	
English Text: Uric acid (umol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSCR</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
00.0 - 99.9	Creatinine (mg/dL)	
English Text: Creatinine (mg/dL)		
English Instructions: < blank >		
Codes:		

<b>LBDSCRSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.0 - 9999.9	Creatinine (umol/L)	
English Text: Creatinine (umol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSNASI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)



<b>Hard Edits</b>	<b>SAS Label</b>
000.0 - 999.9	Sodium (mmol/L)
English Text: Sodium (mmol/L)	
English Instructions: < blank >	
Codes:	

<b>LBXSKSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0.00 - 9.99	Potassium (mmol/L)	
English Text: Potassium (mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSCLSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000.0 - 999.9	Chloride (mmol/L)	
English Text: Chloride (mmol/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSOSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000 - 999	Osmolality (mOsm/L)	
English Text: Osmolality (mOsm/L)		
English Instructions: < blank >		
Codes:		

<b>LBXSGB</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
0.0 - 9.9	Globulin (g/dL)
English Text: Globulin (g/dL)	
English Instructions: < blank >	
Codes:	

<b>LBDSGBSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	B(12 Yrs. - 150 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
0 - 99	Globulin (g/L)	
English Text: Globulin (g/L)		
English Instructions: < blank >		
Codes:		

<b>LBXFSH</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	F(35 Yrs. - 60 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000.00 - 999.99	Follicle stimulating hormone (mIU/mL)	
English Text: Follicle stimulating hormone (mIU/mL)		
English Instructions: < blank >		
Codes:		

<b>LBDFSHSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	F(35 Yrs. - 60 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000.00 - 999.99	Follicle stimulating hormone (U/L)	
English Text: Follicle stimulating hormone (U/L)		
English Instructions: < blank >		
Codes:		

<b>LBXLH</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	F(35 Yrs. - 60 Yrs.)

<b>Hard Edits</b>	<b>SAS Label</b>
000.00 - 999.99	Luteinizing hormone (mIU/mL)
English Text: Luteinizing hormone (mIU/mL)	
English Instructions: < blank >	
Codes:	

<b>LBDLHSI</b>	<b>Version Info</b>	<b>Target</b>
	Version 1.0	F(35 Yrs. - 60 Yrs.)
<b>Hard Edits</b>	<b>SAS Label</b>	
000.00 - 999.99	Luteinizing hormone (IU/L)	
English Text: Luteinizing hormone (IU/L)		
English Instructions: < blank >		
Codes:		