HP17: Central Laboratory Report

Purpose

The *Central Laboratory Report* contains the results of blood biochemistry performed at the HDFP central laboratory. A detailed description of methods is given in **Section 14.3** of the *Manual of Operations*.

Special Considerations

- Two different batteries of test were completed on different instruments. In addition, the fasting and post load glucose measurements were obtained on separate instruments. Occasionally, a specimen was insufficient for all analyses and one or more individual values will be missing from a record.
- A "comment field" follows each lab value, and a list of the codes follows the form. Underlined comments identify codes which indicate the corresponding lab value is not suitable for inclusion in analysis.

LAB FILE DATA FORMAT
FORM HP17

Field		Columns	Description	Min	Max	Remarks
		1-2	Form number			Contains 17
		3-11	Program number			
1		12-17	Acrostic name			Contains LASFIb (no middle initial)
2		18-25	Batch number			Contains OCCbbbbb (cc is center no.)
3		26-31	Date drawn			MMDDYY
4		32-33	Age			
5		34	Sex			1=M, 2=F
6	*	35-38	Albumin	0.5	8.0	ALBU
7		39-40	Comment			
8		41-44	Alk Phos	10	1000	ALKb
9		45-46	Comment			
10		47-50	Bicarbonate	0	80	BICA
11		51-52	Comment			
12	*	53-56	Bilirubin	0.0	25.0	BILI
13		57-58	Comment			
14	*	59-62	Calcium	2.0	20.0	CALC
15		63-64	Comment			
16		65-68	Casual Glucose	10	2000	CASU, GLUC
17		69-70	Comment			
18		71-74	Chloride	30	135	CHLO
19		75-76	Comment			
20		77-80	Cholesterol	25	1000	CHOL
21		81-82	Comment			
22		83-86	CPK	20	9999	CPKb
23		87-88	Comment			

Field		Columns	Description	Min	Max	Remark
24	*	89-92	Creatinine	0.00	40.00	CREA
25		93-94	Comment			
26		95-98	Fasting Glucose	10	2000	FAST
27		99-100	Comment			
28		101-104	LDH	0	9999	LDHb
29		105-106	Comment			
30		107-110	Post Load Gluc	10	2000	POST
31		111-112	Comment			
32	*	113-116	Potassium	0.5	20.0	POTA
33		117-118	Comment			
34	*	119-122	Protein, Total	1.0	20.0	PROT, PORT
35		123-124	Comment			
36		125-128	Serum Lipid	125	3000	SERU
37		129-130	Comment			
38		131-134	Sgot	0	9999	SGOT
39		135-136	Comment			
40		137-140	Sodium	50	200	SODI
41		141-142	Comment			
42		143-146	Urea Nitrogen	2	500	UREA
43		147-148	Comment			
44	*	149-152	Uric Acid	0.1	50.0	URIC
45		153-154	Comment			
46		155-160	Report Date			
47	+	161-164	Glucose value			
48	+	165-166	Comment			
49	+	167-170	Glucose			
50	+	171-172	Comment			

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Field	Columns	Description	Min	Max	Remark
51	173-177	obsolete field ~~Century date~~			
52	178-179	VISIT Code	03	26	Contains form number of corresponding clinic visit or annual visit.

* The data in fields 6, 12, 14, 32, 34, 44 must be divided by 10 to reflect the correct laboratory readings. Data in field 24 must be divided by 100 for the same reason.

If the comments field contains 2 blanks, "RD", "AV", "E ", or " E", the data field contains a valid lab test and may be used for analyses and reports.

\+ The data are not on the form.

Date 4-8-76

LABORATORY COMMENTS LIST - HP17
(BAD COMMENTS UNDERLINED)

A	& CORRECT DATE IS SHOWN BELOW RESULT
B	CHECKED BY DUPLICATE ANALYSIS
C	SPECIMEN FOUND IN LAB AT TIME INDICATED
D	UNSUITABLE SAMPLE FOR ANALYSIS
E	REVISED RESULT
F	ICTERIC PLASMA OR SERUM
G	LIPEMIC PLASMA OR SERUM
H	HEMOLYZED
I	NO COMMENT
J	SYNOVIAL FLUID
K	RESULT TO FOLLOW
L	SEE SEPARATE REPORT
M	HAIR
N	GASTRIC FLUID
O	NO COMMENT O
P	NO COMMENT P
Q	SWEAT
R	PLEURAL FLUID
S	SPINAL FLUID
T	ASCITIC FLUID
U	URINE
V	QUANTITY NOT SUFFICIENT
W	POST PRANDIAL NORMAL=65-120 MG/100ML
X	DISREGARD THIS RESULT
Y	NO COMMENT Y
Z	
BA	TRUE ANSWER IS GREATER THAN VALUE SHOWN
BB	CORRECTED FOR BILIRUBIN

DATE 4-8-76 LABORATORY COMMENTS LIST

BC	DETERMINED BY ELECTROPHORESIS
BD	VENTRICULAR FLUID
BE	SUBDURAL FLUID
BF	WOUND DRAINAGE
BG	LEFT
BH	RIGHT
BI	SPECIMEN NUMBER ONE
BJ	SPECIMEN NUMBER TWO
BK	SPECIMEN NUMBER THREE
BL	UNSUITABLE DUE TO LIPEMIA
BM	UNSUITABLE DUE TO HEMOLYSIS
BN	UNSUITABLE DUE TO I.V. FLUID
BO	UNSUITABLE DUE TO MEDICATION
BP	UNSUITABLE DUE TO GLYCOLYSIS
BQ	FOR CORRECT RESULT MULTIPLY BY 10
BR	QNS FOR DILUTION
BS	XANTHOCHROMIC
BT	BLOOD CELLS PRESENT
BU	PERICARDIAL FLUID
BV	FLUID
BW	TOO LOW TO DIFFERENTIATE
BX	
BY	DONE ON DILUTION
BZ	QNS TO REPEAT
CA	
CR	TEST PERFORMED PREVIOUS FRIDAY
CC	NOT 24 HOUR SPECIMEN
CD	45 MINUTE SPECIMEN

DATE 4-8-76 LABORATORY COMMENTS LIST

CE	90 MINUTE SPECIMEN
CF	6 HOUR SPECIMEN
CG	UNSATISFACTORY DUE TO KETONES
CH	TEST MALFUNCTION REORDER IF NEEDED
CI	UNSUITABLE CLOTTED SPECIMEN
CJ	CORD BLOOD
CK	CORD BLOOD-SPECIMEN CLOTTED
CI	CORD BOLLD-SPECIMEN UNSUITABLE
CM	SPECIMEN UNSUITABLE-PATIENT CREDITED
CN	SPECIMEN CLOTTED-PATIENT CREDITED
CO	QNS-PATIENT CREDITED
CP	ROULEAU FORMATION PRESENT
CQ	RBC AGGLUTINATION PRESENT
CR	HOWELL-JOLLY BODIES PRESENT
CS	SLIDE ON FILE
CT	50 CELLS COUNTED
CU	25 CELLS COUNTED
CV	20 CELLS COUNTED
CW	15 CELLS COUNTED
CX	10 CELLS COUNTED
CY	FEWER THAN 10 CELLS PRESENT ON SMEAR
CZ	
DA	NON-FASTING SPECIMEN
DR	SPECIMEN DEFROSTED
DC	24 HOUR SPECIMEN
DD	24 HOUR SPECIMEN
DE	RANDOM SPECIMEN
DF	INTERMEDIATE-REPEAT IN ONE MONTH

DG	PROBABLY ABNORMAL
DH	ABNORMAL
DI	MARKEDLY ELEVATED
DJ	HEMOGLOBIN A2 ABSCURED BY ABNORMAL BAND
DK	
DL	
DM	
DN	
DO	
DP	
DQ	
DR	
DS	
DT	SEE DENSITOMETER TRACING
DU	DIALYSIS FLUID PRE-DIALYSIS
DV	DIALYSIS FLUID POST-DIALYSIS
DW	BONE MARROW
DX	DIALYSIS FLUID MID-DIALYSIS
DY	MID-DIALYSIS
DZ	PRE-DIALYSIS
EA	POST-DIALYSIS
EB	PRE TRANSFUSION
EC	POST TRANSFUSION
ED	HOMOGENEOUS
EE	
EF	PERIPHERAL
EG	NUCLEOLAR
EH	SPECKLED

FK

FL

FM

FN

FO

FP

FQ

FR

FS

ST

FU

FV

FW

FX

FY

FZ

GA

GB

GC

GD

GE

GF

GG

GH

GI

GJ

GK

GL

EI

EJ

EK

EL

EM

EN

EO

EP

EQ

ER

ES

ET

EU

EV

EW

EX

EY

EZ

FA

FB

FC

FD

FE

FF

FG

FH

FI

FJ

Lab Data File
Normal Limits

Normal Limits		Test Name	Units
50	250	Casual Glucose	MG/100ML
120	250	Cholesterol	MG/100ML
400	880	Serum Lipid	MG/100ML
0	200	LDH	MU/ML
0	50	SGOT	MU/ML
0	170	CPK	MU/ML
30	85	Alk Phosphatase	MU/ML
.0	1.0	Bilirubin, Tot.	MG/100ML
0	20	Urea Nitrogen	MG/100ML
.00	1.70	Creatinine	MG/100ML
2.5	8.0	Uric Acid	MG/100ML
135	155	Sodium	MEQ/L
3.5	5.0	Potassium	MEQ/L
98	109	Chloride	MEQ/L
8.5	10.5	Calcium	MG/100ML
6.0	8.0	Protein, Total	GM/100ML
3.5	5.0	Albumin	GM/100ML
		Fasting Glucose	
		Bicarbonate	
		Post Load Glucose	