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.

<div align="center">

LAB FILE DATA FORMAT
FORM HP17

</div>

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.

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

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	
CB	TEST PERFORMED PREVIOUS FRIDAY
CC	NOT 24 HOUR SPECIMEN
CD	45 MINUTE SPECIMEN

CE   90 MINUTE SPECIMEN

CF   6 HOUR SPECIMEN

CG   UNSATISFACTORY DUE TO KETONES

CH   <u>TEST MALFUNCTION REORDER IF NEEDED</u>

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

DB   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

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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	