MAYO CLINIC
Mayo Medical Laboratories

TEST DEFINITION

10/19/2011

NAME/ORDER CODE CROSS-REFERENCE

CODE	NAME
CBC	CBC WITH DIFFERENTIAL, B

TEST SETUP INFORMATION

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *
CBC		CBC WITH DIFFERENTIAL, B			MCR,MCR

TRANSPORT TEMP : REFRIGERATED <24 HOURS\AMBIENT <24 HOURS

HGB HEMOGLOBIN

UNITS: G/DL

UNKNOWN GENDER		
0D TO 7D	: 13.5-22.0	
8D TO 14D	: 12.5-21.0	
15D TO 7W	: 10.0-20.0	
8W TO 5M	: 10.0-14.0	
6M TO 24M	: 10.5-13.5	
25M TO 36M	: 11.0-14.0	
37M TO 5Y	: 0.0-0.0	|GHG1
6Y TO 11Y	: 0.0-0.0	|GHG2
12Y TO 15Y	: 0.0-0.0	|GHG3
16Y TO 150Y	: 0.0-0.0	|GHG4
MALE		
0D TO 7D	: 13.5-22.0	
8D TO 14D	: 12.5-21.0	
15D TO 7W	: 10.0-20.0	
8W TO 5M	: 10.0-14.0	
6M TO 24M	: 10.5-13.5	
25M TO 36M	: 11.0-14.0	
37M TO 5Y	: 11.0-14.5	
6Y TO 11Y	: 12.0-14.0	
12Y TO 15Y	: 12.8-16.0	
16Y TO 150Y	: 13.5-17.5	
FEMALE		
0D TO 7D	: 13.5-22.0	
8D TO 14D	: 12.5-21.0	
15D TO 7W	: 10.0-20.0	
8W TO 5M	: 10.0-14.0	

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *
CBC (CONTINUED...)					
			6M TO 24M : 10.5-13.5		
			25M TO 36M : 11.0-14.0		
			37M TO 5Y : 11.8-14.7		
			6Y TO 11Y : 12.0-14.5		
			12Y TO 15Y : 12.2-14.8		
			16Y TO 150Y : 12.0-15.5		
	HCT	HEMATOCRIT			
			UNITS: %		
			UNKNOWN GENDER		
			0D TO 7D : 42.0-60.0		
			8D TO 14D : 39.0-60.0		
			15D TO 7W : 31.0-55.0		
			8W TO 5M : 28.0-42.0		
			6M TO 24M : 33.0-40.0		
			25M TO 36M : 33.0-42.0		
			37M TO 5Y : 0.0-0.0	|GHC1	
			6Y TO 11Y : 0.0-0.0	|GHC2	
			12Y TO 15Y : 0.0-0.0	|GHC3	
			16Y TO 150Y : 0.0-0.0	|GHC4	
			MALE		
			0D TO 7D : 42.0-60.0		
			8D TO 14D : 39.0-60.0		
			15D TO 7W : 31.0-55.0		
			8W TO 5M : 28.0-42.0		
			6M TO 24M : 33.0-40.0		
			25M TO 36M : 33.0-42.0		
			37M TO 5Y : 33.0-43.0		
			6Y TO 11Y : 35.8-42.4		
			12Y TO 15Y : 37.3-47.3		
			16Y TO 150Y : 38.8-50.0		
			FEMALE		
			0D TO 7D : 42.0-60.0		
			8D TO 14D : 39.0-60.0		
			15D TO 7W : 31.0-55.0		
			8W TO 5M : 28.0-42.0		
			6M TO 24M : 33.0-40.0		
			25M TO 36M : 33.0-42.0		
			37M TO 5Y : 35.0-44.0		
			6Y TO 11Y : 35.7-43.0		
			12Y TO 15Y : 36.3-43.4		
			16Y TO 150Y : 34.9-44.5		
	RBC	ERYTHROCYTES			
			UNITS: x10(12)/L		

Unknown Gender

Test setup information

ORDER CODE	RESULT CODE	TITLE	Checking Normals	Print Normals	Perform Site *
CBC (Continued...)					
			0D to 0D : 3.90-5.50		
			1D to 7D : 3.90-6.00		
			8D to 14D : 3.60-6.00		
			15D to 7W : 3.00-5.50		
			8W to 5M : 3.10-4.50		
			6M to 24M : 3.70-6.00		
			25M to 36M : 4.10-5.10		
			37M to 5Y : 0.00-0.00	|GRB1	
			6Y to 11Y : 0.00-0.00	|GRB2	
			12Y to 15Y : 0.00-0.00	|GRB3	
			16Y to 150Y : 0.00-0.00	|GRB4	
			Male		
			0D to 0D : 3.90-5.50		
			1D to 7D : 3.90-6.00		
			8D to 14D : 3.60-6.00		
			15D to 7W : 3.00-5.50		
			8W to 5M : 3.10-4.50		
			6M to 24M : 3.70-6.00		
			25M to 36M : 4.10-5.10		
			37M to 5Y : 4.10-5.30		
			6Y to 11Y : 4.20-5.10		
			12Y to 15Y : 4.40-5.50		
			16Y to 150Y : 4.32-5.72		
			Female		
			0D to 0D : 3.90-5.50		
			1D to 7D : 3.90-6.00		
			8D to 14D : 3.60-6.00		
			15D to 7W : 3.00-5.50		
			8W to 5M : 3.10-4.50		
			6M to 24M : 3.70-6.00		
			25M to 36M : 4.10-5.10		
			37M to 5Y : 4.10-5.20		
			6Y to 11Y : 4.10-5.30		
			12Y to 15Y : 4.10-5.20		
			16Y to 150Y : 3.90-5.03		
MCV	MCV				
			Units: fL		
			Unknown Gender		
			0D to 0D : 98.0-120.0		
			1D to 7D : 88.0-120.0		
			8D to 14D : 86.0-120.0		

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *
			15D TO 7W : 85.0-110.0		
			8W TO 5M : 77.0-110.0		
			6M TO 5Y : 74.0-89.0		

TEST SETUP INFORMATION

CBC (CONTINUED...)

			6Y TO 11Y : 0.0-0.0	|GMC1	
			12Y TO 15Y : 0.0-0.0	|GMC2	
			16Y TO 150Y : 0.0-0.0	|GMC3	
			MALE		
			0D TO 0D : 98.0-120.0		
			1D TO 7D : 88.0-120.0		
			8D TO 14D : 86.0-120.0		
			15D TO 7W : 85.0-110.0		
			8W TO 5M : 77.0-110.0		
			6M TO 5Y : 74.0-89.0		
			6Y TO 11Y : 76.5-90.6		
			12Y TO 15Y : 81.4-91.9		
			16Y TO 150Y : 81.2-95.1		
			FEMALE		
			0D TO 0D : 98.0-120.0		
			1D TO 7D : 88.0-120.0		
			8D TO 14D : 86.0-120.0		
			15D TO 7W : 85.0-110.0		
			8W TO 5M : 77.0-110.0		
			6M TO 5Y : 74.0-89.0		
			6Y TO 11Y : 78.5-90.4		
			12Y TO 15Y : 79.9-92.3		
			16Y TO 150Y : 81.6-98.3		
	RDW	RBC DISTRIB WIDTH			
			UNITS: %		
			UNKNOWN GENDER		
			0D TO 24M : 0.0-0.0	|G24M	
			25M TO 36M : 12.0-14.5		
			37M TO 5Y : 12.0-14.0		
			6Y TO 11Y : 0.0-0.0	|GRD1	
			12Y TO 15Y : 0.0-0.0	|GRD2	
			16Y TO 150Y : 0.0-0.0	|GRD3	
			MALE		
			0D TO 24M : 0.0-0.0	|G24M	
			25M TO 36M : 12.0-14.5		
			37M TO 5Y : 12.0-14.0		
			6Y TO 11Y : 12.0-14.0		
			12Y TO 15Y : 11.6-13.8		
			16Y TO 150Y : 11.8-15.6		

FEMALE
0D TO 24M : 0.0-0.0 |G24M
25M TO 36M : 12.0-14.5
37M TO 5Y : 12.0-14.0
6Y TO 11Y : 11.6-13.4

TEST SETUP INFORMATION

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *
CBC (CONTINUED...)					
			12Y TO 15Y : 11.2-13.5		
			16Y TO 150Y : 11.9-15.5		
	WBC	LEUKOCYTES			
			UNITS: x10(9)/L		
			UNKNOWN GENDER		
			0D TO 0D : 9.0-30.0		
			1D TO 7D : 9.4-34.0		
			8D TO 14D : 5.0-21.0		
			15D TO 7W : 5.0-20.0		
			8W TO 5M : 5.0-15.0		
			6M TO 24M : 6.0-11.0		
			25M TO 36M : 5.0-12.0		
			37M TO 5Y : 4.0-12.0		
			6Y TO 11Y : 0.0-0.0	|GWB1	
			12Y TO 15Y : 0.0-0.0	|GWB2	
			16Y TO 150Y : 3.5-10.5		
			MALE		
			0D TO 0D : 9.0-30.0		
			1D TO 7D : 9.4-34.0		
			8D TO 14D : 5.0-21.0		
			15D TO 7W : 5.0-20.0		
			8W TO 5M : 5.0-15.0		
			6M TO 24M : 6.0-11.0		
			25M TO 36M : 5.0-12.0		
			37M TO 5Y : 4.0-12.0		
			6Y TO 11Y : 3.4-9.5		
			12Y TO 15Y : 3.6-9.1		
			16Y TO 150Y : 3.5-10.5		
			FEMALE		
			0D TO 0D : 9.0-30.0		
			1D TO 7D : 9.4-34.0		
			8D TO 14D : 5.0-21.0		
			15D TO 7W : 5.0-20.0		
			8W TO 5M : 5.0-15.0		
			6M TO 24M : 6.0-11.0		
			25M TO 36M : 5.0-12.0		
			37M TO 5Y : 4.0-12.0		

6Y TO 11Y : 3.4-10.8
12Y TO 15Y : 4.1-8.9
16Y TO 150Y : 3.5-10.5

NEUAA NEUTROPHILS

UNITS: X10(9)/L
UNKNOWN GENDER
0D TO 0D : 6.00-26.00

TEST SETUP INFORMATION

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *

CBC (CONTINUED...)

1D TO 7D : 1.50-10.00
8D TO 14D : 1.00-9.50
15D TO 7W : 1.00-9.00
8W TO 5M : 1.00-8.50
6M TO 5Y : 1.50-8.50
6Y TO 11Y : 1.50-8.50
12Y TO 15Y : 1.80-8.00
16Y TO 150Y : 1.70-7.00
MALE
0D TO 0D : 6.00-26.00
1D TO 7D : 1.50-10.00
8D TO 14D : 1.00-9.50
15D TO 7W : 1.00-9.00
8W TO 5M : 1.00-8.50
6M TO 5Y : 1.50-8.50
6Y TO 11Y : 1.50-8.50
12Y TO 15Y : 1.80-8.00
16Y TO 150Y : 1.70-7.00
FEMALE
0D TO 0D : 6.00-26.00
1D TO 7D : 1.50-10.00
8D TO 14D : 1.00-9.50
15D TO 7W : 1.00-9.00
8W TO 5M : 1.00-8.50
6M TO 5Y : 1.50-8.50
6Y TO 11Y : 1.50-8.50
12Y TO 15Y : 1.80-8.00
16Y TO 150Y : 1.70-7.00

LYMAA LYMPHOCYTES

UNITS: X10(9)/L
UNKNOWN GENDER
0D TO 0D : 2.00-11.00
1D TO 14D : 2.00-17.00
15D TO 7W : 2.50-16.50
8W TO 5M : 4.00-13.50

6M TO 11M : 4.00-10.50
12M TO 5Y : 1.50-7.00
6Y TO 11Y : 1.50-6.50
12Y TO 15Y : 1.20-5.20
16Y TO 150Y : 0.90-2.90
MALE
0D TO 0D : 2.00-11.00
1D TO 14D : 2.00-17.00
15D TO 7W : 2.50-16.50

TEST SETUP INFORMATION

ORDER CODE	RESULT CODE	TITLE	CHECKING NORMALS	PRINT NORMALS	PERFORM SITE *
CBC (CONTINUED...)					

8W TO 5M : 4.00-13.50
6M TO 11M : 4.00-10.50
12M TO 5Y : 1.50-7.00
6Y TO 11Y : 1.50-6.50
12Y TO 15Y : 1.20-5.20
16Y TO 150Y : 0.90-2.90
FEMALE
0D TO 0D : 2.00-11.00
1D TO 14D : 2.00-17.00
15D TO 7W : 2.50-16.50
8W TO 5M : 4.00-13.50
6M TO 11M : 4.00-10.50
12M TO 5Y : 1.50-7.00
6Y TO 11Y : 1.50-6.50
12Y TO 15Y : 1.20-5.20
16Y TO 150Y : 0.90-2.90

MONAA MONOCYTES

UNITS: X10(9)/L
UNKNOWN GENDER
0D TO 14D : 0.40-1.80
15D TO 11M : 0.05-1.10
12M TO 15Y : 0.00-0.80
16Y TO 150Y : 0.30-0.90
MALE
0D TO 14D : 0.40-1.80
15D TO 11M : 0.05-1.10
12M TO 15Y : 0.00-0.80
16Y TO 150Y : 0.30-0.90
FEMALE
0D TO 14D : 0.40-1.80
15D TO 11M : 0.05-1.10
12M TO 15Y : 0.00-0.80
16Y TO 150Y : 0.30-0.90

EOSAA Eosinophils

Units: x10(9)/L
Unknown Gender
0D to 5M : 0.02-0.85
6M to 11M : 0.05-0.70
12M to 5Y : 0.00-0.65
6Y to 15Y : 0.00-0.50
16Y to 150Y : 0.05-0.50
MALE
0D to 5M : 0.02-0.85
6M to 11M : 0.05-0.70

Test setup information

ORDER CODE	RESULT CODE	TITLE	Checking Normals	Print Normals	Perform Site *
CBC (Continued...)					

12M to 5Y : 0.00-0.65
6Y to 15Y : 0.00-0.50
16Y to 150Y : 0.05-0.50
FEMALE
0D to 5M : 0.02-0.85
6M to 11M : 0.05-0.70
12M to 5Y : 0.00-0.65
6Y to 15Y : 0.00-0.50
16Y to 150Y : 0.05-0.50

BASAA Basophils

Units: x10(9)/L
Unknown Gender
0D to 5M : 0.00-0.60
6M to 15Y : 0.00-0.20
16Y to 150Y : 0.00-0.30
MALE
0D to 5M : 0.00-0.60
6M to 15Y : 0.00-0.20
16Y to 150Y : 0.00-0.30
FEMALE
0D to 5M : 0.00-0.60
6M to 15Y : 0.00-0.20
16Y to 150Y : 0.00-0.30

PLTC Platelet Count

Units: x10(9)/L
Unknown Gender
0D to 5M : 150-350
6M to 150Y : 150-450
MALE
0D to 5M : 150-350
6M to 150Y : 150-450

FEMALE
0D TO 5M : 150-350
6M TO 150Y : 150-450

*PERFORMING SITE LEGEND

MCR MAYO CLINIC DEPT. OF LAB MED AND PATHOLOGY LAB DIRECTOR: FRANKLIN R. COCKERILL, III, M.D.
200 FIRST STREET SW
ROCHESTER, MN 55905

MESSAGE USED AS NORMALS

CODE	TEXT
|GHG1	MALES: 11.0 - 14.5 FEMALES: 11.8 - 14.7
|GHG2	MALES: 12.0 - 14.0 FEMALES: 12.0 - 14.5
|GHG3	MALES 12.8 - 16.0 FEMALES 12.2 - 14.8
|GHG4	MALES: 13.5 17.5 FEMALES: 12.0 - 15.5
|GHC1	MALES: 33.0 - 43.0 FEMALES: 35.0 - 44.0
|GHC2	MALES: 35.8 - 42.4 FEMALES: 35.7 - 43.0
|GHC3	MALES: 37.3 - 47.3 FEMALES: 36.3 - 43.4

|GHC4 Males:
38.8 - 50.0
Females:
34.9 - 44.5

|GRB1 Males:
4.10 - 5.30
Females:
4.10 - 5.20

|GRB2 Males:
4.20 - 5.10
Females:
4.10 - 5.30

|GRB3 Males:
4.40 - 5.50
Females:
4.10 - 5.20

|GRB4 Males:
4.32 - 5.72
Females:
3.90 - 5.03

|GMC1 Males:
76.5 - 90.6
Females:
78.5 - 90.4

|GMC2 Males:
81.4 - 91.9
Females:
79.9 - 92.3

|GMC3 Males:
81.2 - 95.1
Females:
81.6 - 98.3

|G24M Reference values
have not been
established for
patients who are
less than 24 months
of age.

|GRD1 Males:
12.0 - 14.0
Females:

11.6 - 13.4

|GRD2 Males:
11.6 - 13.8
Females:
11.2 - 13.5

|GRD3 Males:
11.8 - 15.6
Females:
11.9 - 15.5

|GWB1 Males:
3.4 - 9.5
Females:
3.4 - 10.8

|GWB2 Males:
3.6 - 9.1
Females:
4.1 - 8.9

Total of 21 normals codes.

Result codes used by other order codes

(This list shows other order codes that use these result codes. They may or may not be available to all clients.)

Result Code	Used By Order Code
HGB	CBCC,CBCF,CBCN,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
HCT	CBCC,CBCF,CBCN,CBCNC,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
RBC	CBCC,CBCF,CBCN,CBCNC,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
MCV	CBCC,CBCF,CBCN,CBCNC,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
RDW	CBCC,CBCF,CBCN,CBCNC,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
WBC	CBCC,CBCF,CBCN,CBCNF,CBCNS,CBCS,CITB,PR323,PR719
NEUAA	CBCC,CBCF,CBCS,CITB,PR323,PR719
LYMAA	CBCC,CBCF,CBCNC,CBCS,CITB,PR323,PR719
MONAA	CBCC,CBCF,CBCNC,CBCS,CITB,PR323,PR719
EOSAA	CBCC,CBCF,CBCNC,CBCS,CITB,PR323,PR719
BASAA	CBCC,CBCF,CBCNC,CBCS,CITB,PR323,PR719
PLTC	CBCC,CBCF,CBCN,CBCNF,CBCNS,CBCS,CITB,PR323,PR719

*** End Of Report ***