



HemaTrax® Client and Print Server Red Cell Antigen Auto Print Guide

By Brian Kirkpatrick

Digi-Trax Corporation
650 Heathrow Drive
Lincolnshire, Illinois
60069

August 2018

Copyright © 2018 by Digi-Trax Corporation
All rights reserved

HemaTrax is a registered trademark of Digi-Trax Corporation



Introduction

This document will serve a guide to understanding how to set up and edit the screens within HemaTrax to auto generate the text associated with red cell antigen test results. Furthermore, it will explain what information is necessary and not needed in the application interface message structures to ensure the auto generated text message will print.

Intended Audience

This document is intended for HemaTrax Admins in charge of installing and/or in charge of editing the settings within the HemaTrax Client and the HemaTrax Print Server Settings program. It is also intended for programmers and analysts creating and maintaining a client interface to the HemaTrax print server.

Recommended Support Documents

It is recommended to familiarize yourself with the information on Data Structure 12 (DS12) from ICCBBA (International Council for Commonality in Blood Banking Automation). The following documents were utilized when developing the process within HemaTrax for the auto generated text messages:

- US Guidance on Printing Text Associated with Red Cell Antigens v1.0.0
- ISBT 128 STANDARD Technical Specification

Both documents are available on ICCBBA's website: www.iccbba.org



New HemaTrax Client Screens

The following section will go over the two new screens added to the HemaTrax Client to support the auto printing of the text associated with the red cell antigen test results encoded in DS12.

Red Cell Antigen Default Test Message Maintenance

Red Cell Antigen Default Test Message Maintenance
— □ ×

Name	Text if Positive	Text if Not Tested	
<input type="text" value="E"/>	<input type="text" value="E+"/>	<input type="text"/>	
Also Kown As	Text if Negative	Text if No Information	
<input type="text" value="RH3"/>	<input type="text" value="E-"/>	<input type="text"/>	<input type="button" value="Save"/>

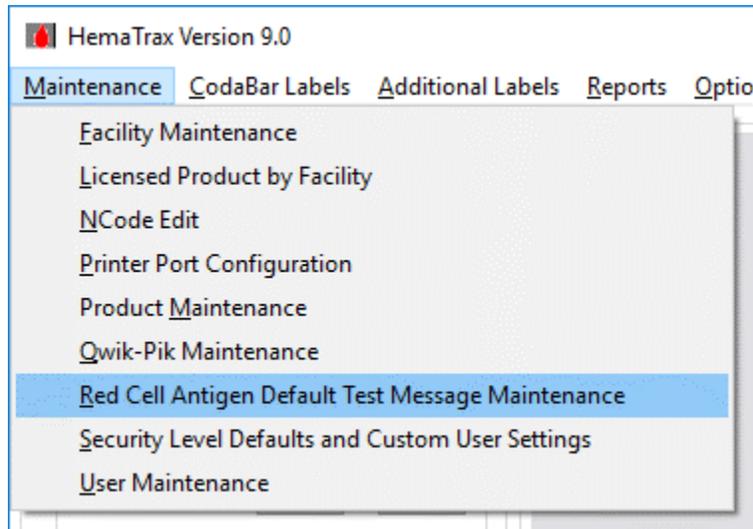
Sort
 Alphabetical
 Print Order
 Data Structure 12

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order	
C	RH2	C+	C-			64	1	
c	RH4	c+	c-			68	1	
E	RH3	E+	E-			66	1	
e	RH5	e+	e-			70	1	
K	Kell,KEL 1,Kelleher	K+	K-			72	2	
k	Cellano,KEL2	k+	k-			19	2	
Cw	RH8	Cw+	Cw-			81	3	
Mia	Miltenberger,MNS7	Mia+	Mia-			79	3	
M	MNS1	M+	M-			59	4	
N	MNS2	N+	N-			60	4	
S	MNS3	S+	S-			61	5	
s	MNS4	s+	s-			62	5	
U	MNS5	U+	U-			1	6	
P1		P1+	P1-			63	6	
Lua	LU1	Lua+	Lua-			84	7	
Kpa	Penney,KEL3	Kpa+	Kpa-			85	7	
Lea	LE1	Lea+	Lea-			73	8	
Leb	LE2	Leb+	Leb-			74	8	
Fya	FY1	Fya+	Fya-			75	9	
Fyb	FY2	Fyb+	Fyb-			76	9	

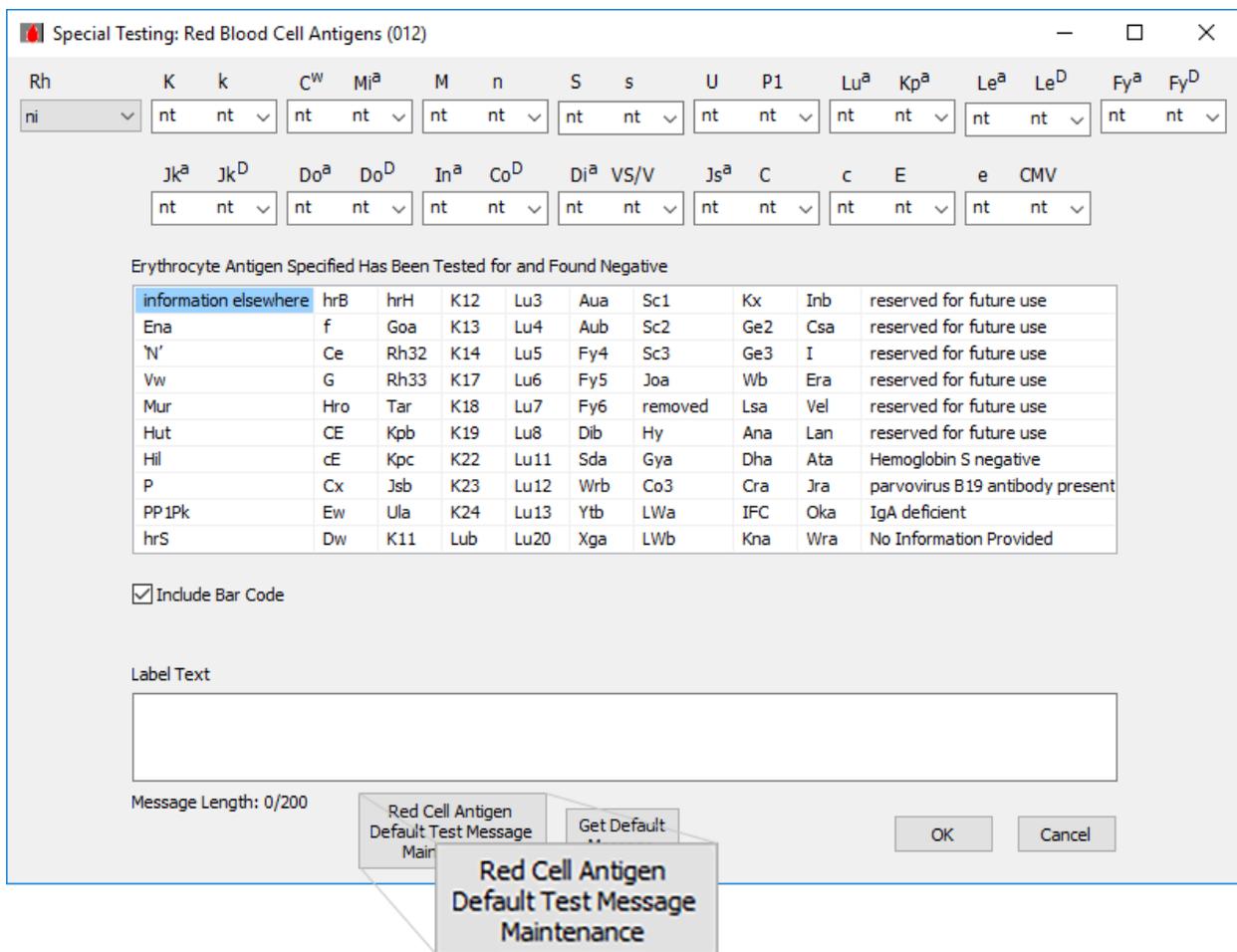
The “Red Cell Antigen Default Test Message Maintenance” screen will allow the authorized user to assign a default text messages to specific antigen test results. For antigens that correspond to positions 1-16 of DS12, a 20-character message for a positive or a negative result can be assigned, as well as a text message for “not tested” or “no information.” For results that correspond to positions 17-18 of DS12, a 20-character message for a negative result can be assigned.



Accessing the Red Cell Antigen Default Test Message Maintenance Screen



The Red Cell Antigen Default Test Message Maintenance screen is accessible from the main HemaTrax client screen by clicking “Red Cell Antigen Default Test Message Maintenance” menu item in the “Maintenance” menu.



It can also be accessed from the “Special Testing: Red Blood Cell Antigens (012)” screen by clicking the “Red Cell Antigen Default Test Message Maintenance” button.



Editing the default test messages

Because the antigen is at position 15 of data structure 12 (within positions 1-16) these edit boxes are editable.

Select Row

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order
E	RH3	E+	E-			67	15
e	RH5	e+	e-			71	16
CMV			Anti-CMV Neg			123	16
Information Elsewhere						124	17, 18 (00)
Ena	MNS28,Ena		Ena-			2	17, 18 (01)
'N'	MNS30,GPBN		'N'-			3	17, 18 (02)

Click Save when done.

Because the antigen is at position 15 of data structure 12 (within positions 1-16) these cells are editable.

To edit the default test messages, for antigens within positions 1-16 of DS12, that will print on the label, first select an antigen in the antigen grid by left clicking anywhere on the antigen's row. Once selected, the edit boxes at the top of the screen will populate with the data associated with the selected antigen. Once selected the following edit boxes, as well as the following columns in the selected row will be editable: Also Known As, Text if Positive, Text if Negative, Text if Not Tested, and Text if No Information. The Name edit box and cell in the grid will be read only and not editable as well as Print Order and DS12 Order in the grid.

Because the antigen is at positions 17 & 18 of data structure 12 only these edit boxes are editable.

Select Row

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order
E	RH3	E+	E-			67	15
e	RH5	e+	e-			71	16
CMV			Anti-CMV Neg			123	16
Information Elsewhere						124	17, 18 (00)
Ena	MNS28,Ena		Ena-			2	17, 18 (01)
'N'	MNS30,GPBN		'N'-			3	17, 18 (02)

Click Save when done.

Because the antigen is at positions 17 & 18 of data structure 12 only these cells are editable.

To edit the default test messages, for antigens at positions 17 & 18 of DS12, that will print on the label, first select an antigen in the antigen grid by left clicking anywhere on the antigen's row. Once selected, the edit boxes at the top of the screen will populate with the data



associated with the selected antigen. Once selected the following edit boxes, as well as the following columns in the selected row of the antigen grid, will be editable: Also Known As and Text if Negative. The Name, Text if Positive, Text if Not Tested, and Text if No Information edit boxes and the cells in the grid will be read only and not editable as well as Print Order and DS12 Order in the grid.

Note: The print order will be able to be updated on the “Change Print Order and Settings” screen and will be explained later.

Red Cell Antigen Default Test Message Maintenance

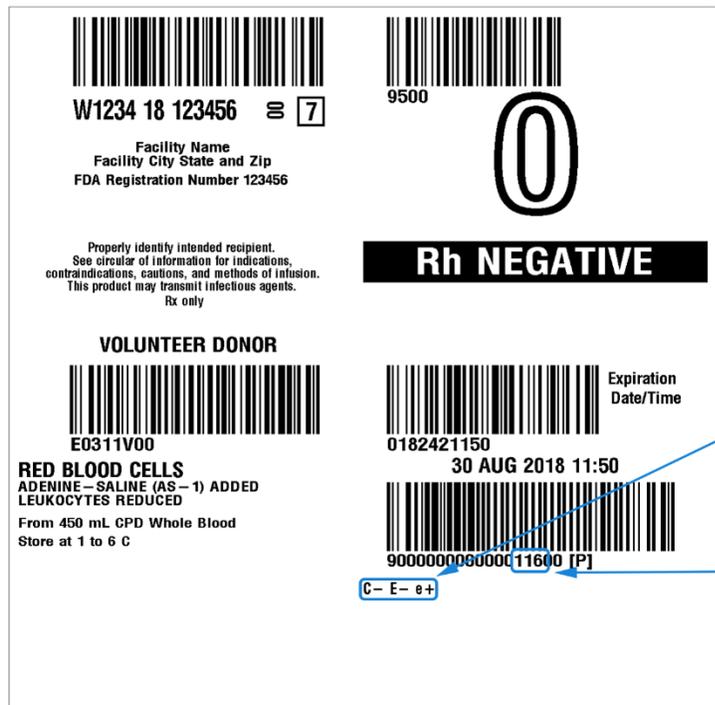
Name: Text if Positive: Text if Not Tested:

Also Known As: Text if Negative: Text if No Information:

Search:

Sort: Alphabetical Print Order Data Structure 12

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order
C	RH2	C+	C-			64	1
c	RH4	c+	c-			68	1
E	RH3	E+	E-			66	1
e	RH5	e+	e-			70	1
K	Kell,KEL 1,Kelleher	K+	K-			72	2



Values entered here.

Print on the label here when DS12 indicates the test result.

Example shows that what is entered into the Red Cell Antigen Default Test Message Maintenance screen will print on the label.



Searching for Antigens

Enter a search value and click the Search button.

If the search value is found in either the Name or Also Known As fields the antigen will show in the results.
Note: The search is not case sensitive.

Red Cell Antigen Default Test Message Maintenance
— □ ×

Name

Text if Positive

Text if Not Tested

Also Known As

Text if Negative

Text if No Information

Save

Search

Sort
 Alphabetical
 Print Order
 Data Structure 12

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order
Mia	Miltenberger, MNS7	Mia+	Mia-			79	3
M	MNS1	M+	M-			59	4
N	MNS2	N+	N-			60	4
S	MNS3	S+	S-			61	5
s	MNS4	s+	s-			62	5
U	MNS5	U+	U-			1	6
Ena	MNS28, Ena		Ena-			2	17, 18 (01)
'N'	MNS30, GPBN		'N'-'			3	17, 18 (02)
Vw	Verweyst, Mi. I, MNS9, VV		Vw-			80	17, 18 (03)
Mur*	Mur, Murrell, Mu, MNS2		Mur*-'			100	17, 18 (04)
Hut	MNS19, Mi. II		Hut-			101	17, 18 (05)
Hil	MNS20, Hill		Hil-			102	17, 18 (06)

Change Print Order and Settings

Exit

Clicking the clear button will clear the Search box and return the full list of antigens.

To search for an antigen, enter the search value in the Search edit box and click the Search button. If the value exists in either the Name or Also Known As fields the antigen will be returned in the results. The returned results can then be edited as explained previously and can also be sorted with the sort feature explained in the next section of this document. Note that the search feature is not case sensitive. To return the full list of antigens click the Clear button which will clear the Search box and return the full list of antigens.

6

www.digi-trax.com
info@digi-trax.com 800-356-6126

rev 8-1-2018 A ©2018 Digi-Trax



Sorting the Antigens

Print Order sorts by the Print Order column and sorts it in the order the test result prints on the label.

Data Structure 12 sorts by the DS12 Order column and sorts by the order the test result appears in data structure 12.

Alphabetical sorts alphabetically by the Name field

Red Cell Antigen Default Test Message Maintenance

Name: Text if Positive: Text if Not Tested:

Also Known As: Text if Negative: Text if No Information: Save

Search: Search Clear

Sort: Alphabetical Print Order Data Structure 12

Name	Also Known As	Text if Positive	Text if Negative	Text if Not Tested	Text if No Information	Print Order	DS12 Order
U	MNS5	U+	U-			1	6
Ena	MNS28,Ena		Ena-			2	17,18 (01)
'N'	MNS30,GPBN		'N'			3	17,18 (02)
PP1Pk	P1PK1,Pk		PP1Pk-			4	17,18 (08)
Hr0	RH17		Hr0-			5	17,18 (14)
hrs	RH19,Shabalala		hrs-			6	17,18 (09)
hrB	RH31,Bastiaan		hrB-			7	17,18 (10)
Lub	LU2		Lub-			8	17,18 (39)
Lu3	Luab,LuaLub		Lu3-			9	17,18 (40)
Lu4	Barnes		Lu4-			10	17,18 (41)
Lu5	Beal,Fox		Lu5-			11	17,18 (42)
Lu6	Jan,Jankowski		Lu6-			12	17,18 (43)
Lu7	Gary		Lu7-			13	17,18 (44)
Lu8	Taylor,MT		Lu8-			14	17,18 (45)
Lu11	Reynolds		Lu11-			15	17,18 (46)
Lu12	Muchowski,Much		Lu12-			16	17,18 (47)
Lu13	Hughes		Lu13-			17	17,18 (48)
Lu20			Lu20-			18	17,18 (49)
k	Cellano,KEL2	k+	k-			19	2
Kpb	Rautenberg,KEL4		Kpb-			20	17,18 (25)

Change Print Order and Settings Exit

The list of antigens can be sorted in one of three ways: Alphabetical, Print Order, and Data Structure 12 by selecting one of the three radio buttons in the Sort section of the screen. Selecting Alphabetical will sort the antigens in the grid alphabetically by the Name field in the grid. Selecting Print Order sorts by the Print Order field in the grid. The print order is defined by ICCBBA’s document *US Guidance on Printing Text Associated with Red Cell Antigens v1.0.0* but it can be edited on the “Change Print Order and Settings” screen explained later in this document. Selecting Data Structure 12 sorts by the DS12 Order field and arranges the grid based on the position the antigens appear in DS12. For positions 17 & 18 it sorts the antigens by the value of position 17 & 18 for the antigen from 00 to 99. The example above is showing the antigens sorted by their print order.



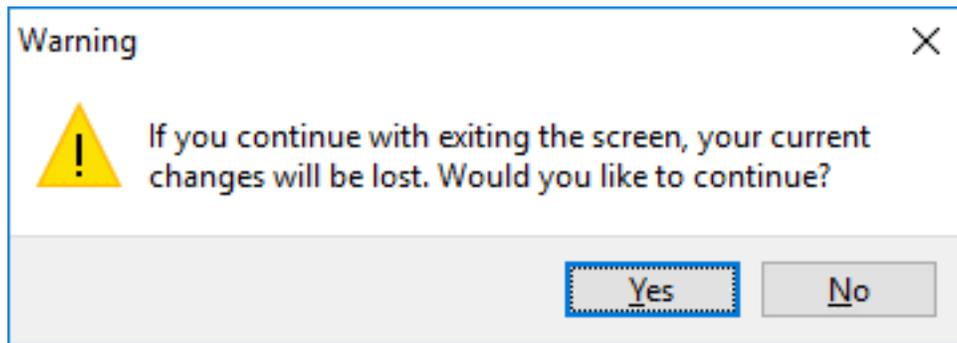
Exit Button

U	MNS5	U+	U-		1	6
P1		P1+	P1-		63	6
Lua	LU1	Lua+	Lua-		84	7
Kpa	Penney,KEL3	Kpa+	Kpa-		85	7
Lea	LE1	Lea+	Lea-		73	8
Leb	LE2	Leb+	Leb-		74	8
Fya	FY1	Fya+	Fya-		75	9
Fyb	FY2	Fyb+	Fyb-		76	9

Change Print Order and Settings

Exit

To exit the screen, click the Exit button.



If changes were made but not saved a pop-up window will prompt you if you want to continue without saving. Clicking “Yes” will exit the screen and your changes will be lost. If you click “No” you will return to the “Red Cell Antigen Default Test Message Maintenance” screen where you will be able to save your changes.

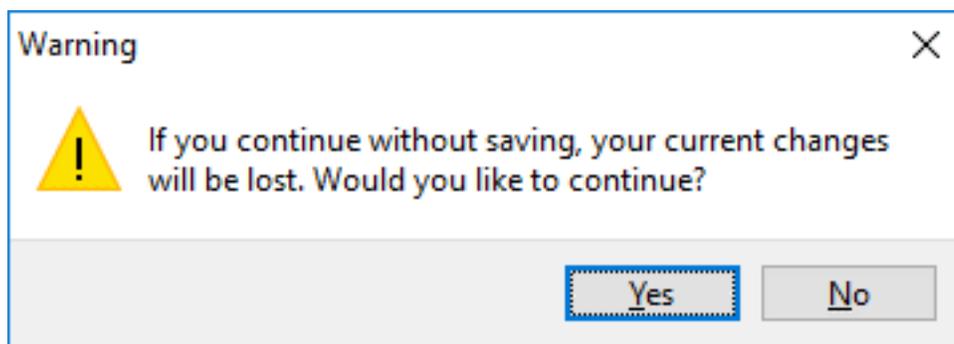


Change Print Order and Settings Button

U	MNS5	U+	U-		1	6
P1		P1+	P1-		63	6
Lua	LU1	Lua+	Lua-		84	7
Kpa	Penney,KEL3	Kpa+	Kpa-		85	7
Lea	LE1	Lea+	Lea-		73	8
Leb	LE2	Leb+	Leb-		74	8
Fya	FY1	Fya+	Fya-		75	9
Fyb	FY2	Fyb+	Fyb-		76	9

Change Print Order Set **Change Print Order and Settings** Exit

To edit the print order of the test results, click the “Change Print Order and Settings” button. This will open the “Change Print Order and Settings” screen.



If changes were made but not saved a pop-up window will prompt you if you want to continue without saving. Clicking “Yes” will open the “Change Print Order and Settings” screen and your changes may be lost. If you click “No” you will return to the “Red Cell Antigen Default Test Message Maintenance” screen where you will be able to save your changes.



Red Cell Antigen Default Test Message Print Order and Settings

Red Cell Antigen Default Test Message Print Order and Settings

Drag and Drop to change the print order.

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13
Lu8	Taylor,MT	14
Lu11	Reynolds	15
Lu12	Muchowski,Much	16
Lu13	Hughes	17
Lu20		18
k	Cellano,KEL2	19
Kpb	Rautenberg,KEL4	20
Jsb	Matthews	21
K11	Cote	22
K12	Boc,Bockman,Spears	23
K13	SGRO	24
K14	San,Santini,Dp	25
K18	V.M.,Marshall	26
K19	Sub,Sublett	27
K22	N.I.,Ikar	28

Print/Do Not Print Default Test Messages

Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

;

Reset Save

Exit

The Red Cell Antigen Default Test Message Print Order and Settings screen allows the authorized user to change the order in which the test results print on the label as well as turning on and off the printing of the default test messages and changing what character(s) are used to separate the test message results.



Changing the Print Order

Drag and drop an antigen to its new position

Red Cell Antigen Default Test Message Print Order and Settings

Drag and Drop to change the print order.

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Garv	13

Print/Do Not Print Default Test Messages

Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

;

Reset Save

New order

Red Cell Antigen Default Test Message Print Order and Settings

Drag and Drop to change the print order.

Name	Also Known As	Print Order
Ena	MNS28,Ena	1
U	MNS5	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Messages

Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

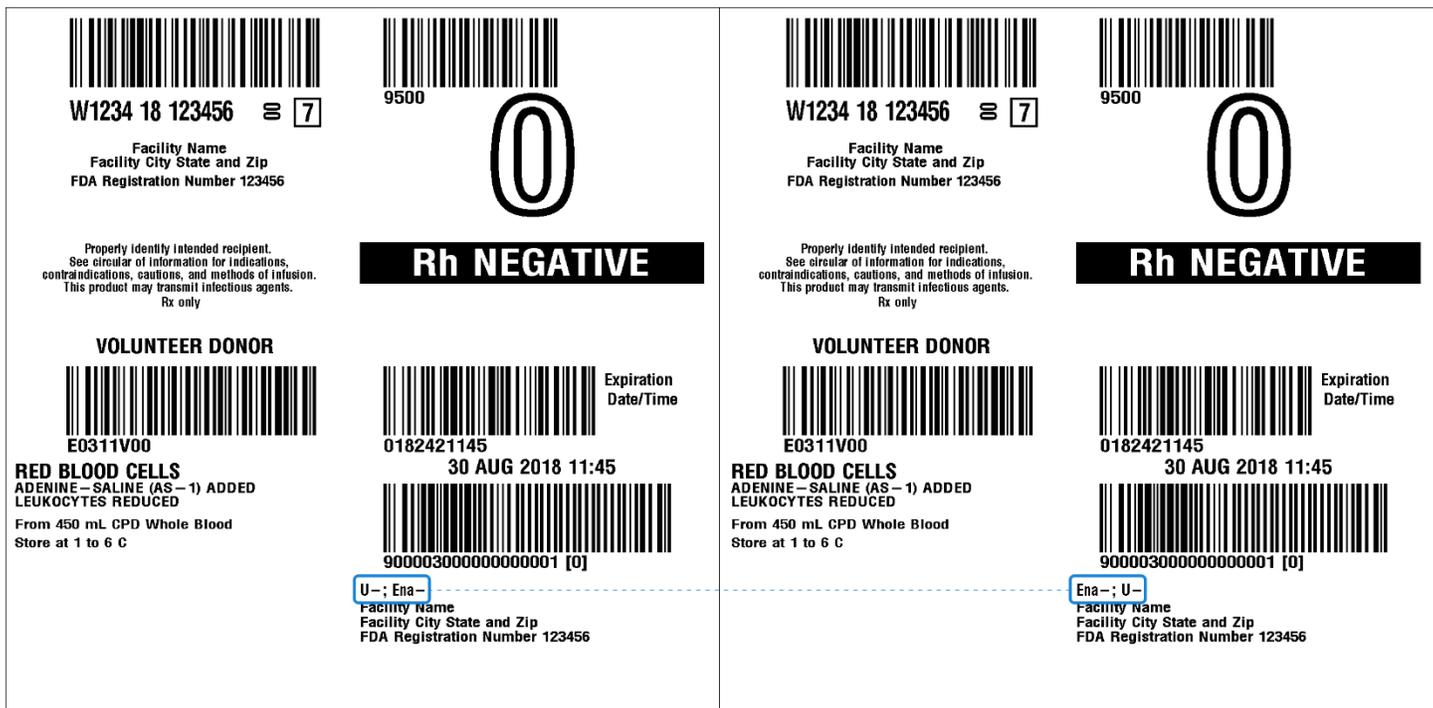
;

Reset Save

Click Save

To change the print order simply drag and drop the antigen in the grid to the selected position and click the save button. Note: saving takes about 10 – 15 seconds. To drag and drop hover the mouse icon over the selected antigen, left click and hold the button, move the antigen to the desired row, and release the left mouse button.

NOTE: Print order is defined in ICCBBA’s document *US Guidance on Printing Text Associated with Red Cell Antigens v1.0.0* Section 2 “Order of Antigens” Tables 1 – 5. Any test not listed in the tables automatically print on a new row after the antigen tests ordered in tables 1 -5 no matter their order in HemaTrax. For example, Anti-CMV Neg and Hgb S Neg.



Example of a label before and after the changing of the print order.

Turning On and Off Printing of the Default Test Messages

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Message

Print default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

Reset Save

Select here to turn on printing of the default test messages

Select here to turn off printing of the default test messages

Click Save

To turn on the printing of the default test messages click the radio button labeled “Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD” in the “Print/Do Not Print Default Test Messages” section of the screen and then click the Save button. When this is done the HemaTrax Client will auto generate test messages for the results indicated by DS12 which can then be editable by the user. Furthermore, the HemaTrax Print Server will auto generate a test message when a 3rd



party client, integrated to the HemaTrax Print Server, sends either of the following message requests: PAT, PDL, PFF, or PPD, the “Test Message” field is blank, and a valid DS12 is in the “Test Code” field. However, if the “Test Message” field has data in it, the Print Server will print that data and not the default test messages.

To turn off the printing of the default test messages click the radio button labeled “Do not print the default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD” in the “Print/Do Not Print Default Test Messages” section of the screen and then click the Save button.

Separator Character(s)

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Message

Print default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

; Enter new character(s).

Reset Save Click Save.

The Separator Character(s) edit box allows the authorized user to change the character or characters (up to two characters) used to separate the test results printed on the label. For example:

- Semicolon C-;E-;c+;e+
- Comma C-,E-,c+,e+
- Space C- E- c+ e+
- Semicolon and Space C-; E-; c+; e+
- Comma and Space C-, E-, c+, e+

To update the separator character(s) type the new character(s) in the edit box and click the save button.



Reset Button

Drag and Drop to change the print order.

Name	Also Known As	Print Order
Ena	MNS28,Ena	1
U	MNS5	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Message

Print default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

,

Reset Save

Changes Made Before Hitting Reset

Drag and Drop to change the print order.

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Message

Print default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

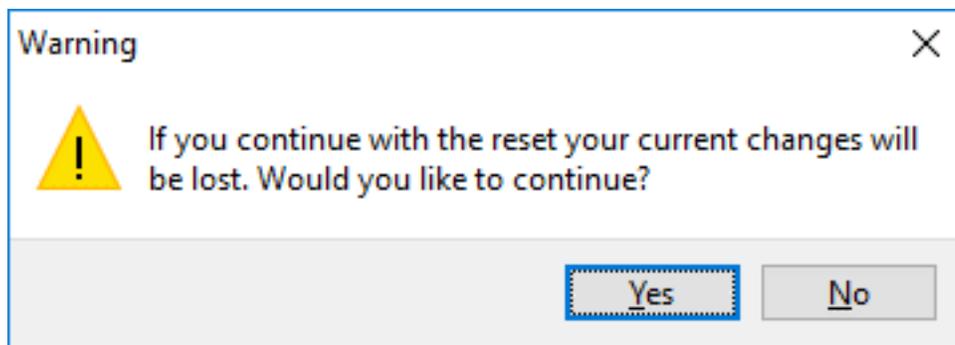
Separator Character(s)

;

Reset Save

Changes Reverted Back After Clicking Reset

Clicking the reset button will revert any changes made back to the original state to when the screen was opened or to last time the Save button was clicked.



Once the reset button is clicked the user will be prompted if they would like to continue. Clicking “Yes” closes the pop-up and all changes made will revert back. Clicking “No” closes the pop-up and preserves the changes on the screen.



How the New Updates Affect PAT, PDL, PFF, and PPD Message Requests to the HemaTrax Print Server

When "Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD" in the "Print/Do Not Print Default Test Messages" section of the "Red Cell Antigen Default Test Message Print Order and Settings" screen is selected then the default test messages will print on the label when a valid DS12 value is in the "Test Code" field and the "Test Message" field is blank (empty).

Red Cell Antigen Default Test Message Print Order and Settings

Drag and Drop to change the print order.

Name	Also Known As	Print Order
U	MNS5	1
Ena	MNS28,Ena	2
'N'	MNS30,GPBN	3
PP1Pk	P1PK1,Pk	4
Hr0	RH17	5
hrs	RH19,Shabalala	6
hrB	RH31,Bastiaan	7
Lub	LU2	8
Lu3	Luab,LuaLub	9
Lu4	Barnes	10
Lu5	Beal,Fox	11
Lu6	Jan,Jankowski	12
Lu7	Gary	13

Print/Do Not Print Default Test Message

Print default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Do not print the default test message when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD.

Separator Character(s)

Reset Save

Example Print Full Face (PFF) Message:

```
'PFF,"1","W123418123456007","Facility Name","Facility City State and Zip","","123456","","","","","",
"","F","E0311","V","00","","","","","","","","","","","","01","V","-1","0","0","0","8","30","2018","11",
"50","T","=\9000000000000011600P","",,,,,,,,"1"
```



W1234 18 123456

Facility Name
Facility City State and Zip
FDA Registration Number 123456

Properly identify intended recipient.
See circular of information for indications,
contraindications, cautions, and methods of infusion.
This product may transmit infectious agents.
Rx only

VOLUNTEER DONOR



E0311V00

RED BLOOD CELLS
ADENINE-SALINE (AS-1) ADDED
LEUKOCYTES REDUCED
From 450 mL CPD Whole Blood
Store at 1 to 6 C



9500



Rh NEGATIVE



Expiration
Date/Time
0182421150
30 AUG 2018 11:50



90000000000011600 [P]

C- E- e+

When "Print default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD" is selected.
AND
The PFF message has a valid DS12 value in the "Test Code" field and the "Test Message" field is blank (empty).
THEN
The default message will print on the label.



When “Do not print the default test messages when the Test Message field is blank for label print request messages PAT, PDL, PFF, and PPD” in the “Print/Do Not Print Default Test Messages” section of the “Red Cell Antigen Default Test Message Print Order and Settings” screen is selected there are no changes to how the message requests work in the HemaTrax Print Server. Furthermore, if in the Test Message field, in the PAT, PDL, PFF, or PPD message, is populated with data then the label will print with what is in the Test Message field.