

**BLOOD BANK CODABAR BARCODE COMPONENT PRODUCT CODES  
ISBT128 UNIT NUMBER  
FUNCTIONALITY TEST IN BLOOD PRODUCT ENTRY AML Misys v.6.1**

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Test plan: Demonstrate that AML Misys 6.1 Blood Product Entry accepts CODABAR barcode component codes and ISBT128 unit numbers in the same unit record and maintains record integrity through Issue Final.

Action:

- Scan blood center CODABAR ID listed below.
- Scan ISBT128 or CODABAR product codes (as indicated) listed below.
- ISBT128 unit numbers listed below.
- ISBT128 O Positive blood type barcode.
- T+20 (LRBC/FFP) or T+2 (Plt) expiration date into the AML TEST AREA module Blood Product Entry.
- Allocate all components to a patient in Blood Order Processing.
- Thaw FFP components in Blood Component Preparation.
- Issue and Blood Issue Final all allocated components.
- Capture screens for each major step of each process.

Outcome:

Pages 2-6 Double Red Blood Cells apheresis collection

Both first ISBT labeled component and second CODABAR labeled component entered into inventory correctly, were allocated and issued/issued final successfully.

Pages 7-12 Double Red Blood Cells apheresis collection

Both first ISBT labeled component and second CODABAR labeled component entered into inventory correctly, were allocated and issued/issued final successfully.

Pages 13-19 Triple Fresh Frozen Plasma apheresis collection

Three Fresh Frozen Plasma components failed to correctly allocate to the test patient when prepared in Blood Order Processing/Blood Component Preparation at the same time.

Pages 20-24 Double Platelet apheresis collection

Both first ISBT labeled component and second CODABAR labeled component entered into inventory correctly, were allocated and issued/issued final successfully.

Pages 25-36 Triple Fresh Frozen Plasma apheresis collection

When allocated/prepared and issued to three separate patients, each blood component from a triple Fresh Frozen Plasma collection successfully passed from Blood product Entry to Issued Final. Note: the component field read neither ISBT nor CODABAR product code scans during blood product issue.



**Blood Product Testing**

Mode:   Shift: 1 Tech Codes: 5483  
 Hosp: SI,SL,GS,BL,HM,SC,SM,WV,LM,MB,WA,TR,KN,BC,CL,DK,CH,GA,GH,IM,BE,SC2,TJ,LG,SS

Worklist:   W1234 07 000093  Exp D/T: 03/12/2007 2359  
 Comp Type: RED CELL LR Status: UP  
 Location: OK

Unit #    
 Component:    
 Unit Unit #

Test	Description	Result	Description
ARC	ABO/RH(D) RECHECK	O-POS	O-POSITIVE

Unit Number	Status	CT	CT Description
<input checked="" type="checkbox"/> W12340700...	UNPROCESS.	P.	RED CELL LR
<input checked="" type="checkbox"/> W12340700...	UNPROCESS.	P.	RED CELL LR
<input checked="" type="checkbox"/> W12340700...	UNPROCESS.	P.	RED CELL LR
<input checked="" type="checkbox"/> W12340700...	UNPROCESS.	P.	RED CELL LR

**Blood Order Processing - 11/11/2005**

98632541 SCHAAP, TESTRBCSPLITCODA DOB: 05/05/1925 (82Y)

ABO/Rh: PC Units Transf: Last Transf: Sec: M  
 Ab Scin Sum: EXM Efg: Cur Evnt Loc: EMERGENCY Dx: (0) HID: OK

1. Antigens/Antibodies  2. Problems  3. Comments  4. Transfusion Attributes

**Antigens/Antibodies**

Problems

Patient Specimen (5) Allocation (5) Units (2) Information (8)

HID/Area	Unit Number	Component	ABO/Rh	Status	Name	Antigens/Antibodies	Attributes/Spec. Tests	Exp	Release	ID	SS

Assigned by:    
 Inventory Unit #:

Branch to:   Component:

**Compatibility Testing**

Unit	XM	TS	Compatibility Reactions (2)
W1234 07 000093 Y (PCAL71)	Pend	Pend	W1234 07 000093 Y (PCAL71) CROSSMATCH RESULT

Second container of a double red blood cells apheresis collection

a121713781b  
Blood Center of Wisconsin

CODABAR PRODUCT CODE

A0047913B 04791 PCAL91

ISBT 128 UNIT NUMBER



ISBT 128 BLOOD TYPE



Rh POSITIVE

EXPIRATION DATE = T+20

Unit #: W1234 07 000093

Status: UP UNPROCESSED  
 Ind use: ALLOBENEIC  
 Location: DK  
 Shift/Tech: 1/5483

Ag/Ab/Attributes | Comments | Assignees | Location | ISBT Fields

Antigen/Antibody: Add Remove  
 Code Description

Attribute: Add Remove  
 Code Description  
 LRP LEUKO REDUCED PRODUCTS

Supplier	BCSW	BLODDCTR OR
Component	PCAL91	RED CELL LR
Supplier unit #	W123407000093	
ABO	O	O
Rh	POS	POSITIVE
Expiration date	09/12/2007	
Expiration time	2359	
Unit #	W123407000093	
Container	SGLRA	SINGLE AD FC
Volume	350	
Draw date	08/01/2007	
Draw time	0001	
Receive date	08/23/2007	
Receive time	1419	
Product testing	DDT	OUTSIDE DDND
Segment #		
# of labels		

Unit summary list

Unit #	Component	ABO	Rh	Supplier	Expiration Date	Container	Volume	Location
W123407000093	PCAL91	O	POS	BCSW	09/12/2007	SGLRA	350	01

