Surrent S	Status: Pend	ding			Policy	Stat ID: 83		
	Suttor	Health	C E F L	Drigination: Effective: inal Approved ast Revised:	N Upon Appro : N N	I/A val I/A I/A		
	Sutter F	Roseville Medical Cer	iter o	lext Review:)wner:	2 years after approv Irene Wittkop: Coord, Transfusion Service	vai		
			P R A	olicy Area: References: Applicability:	Lab - Transfusion Service Sutter Roseville Medical Cente	er		
		Thawing a Froze	n Plasma	or Cry	oprecipitate			
Purpose	e This proc thawed c	edure describes the process to thaw component using the laboratory comp	r Fresh Frozen Plasma (outer system.	FFP) or cryopr	ecipitate (Cryo) and how to lab	oel the		
Policy	Previo met	us historical record may be used to c	letermine the blood type	of the recipier	nt, as long as the following crite	eria are		
	• B • F	lood Type is on the same MRN from	an RV encounter					
	 The san NICU Frozer FFP w R V T Combining 	ample must be collected by authorize RNs) but no Blood Bank armband is a components must be thawed prior t ill be converted to 5 day product and ecipients that have been reported to III. ransfusion of neonates. nation of AB and A plasma will be us	personnel (ie: laboratory phlebotomists, physician , OP IV Therapy or quired ssue. Ill be substituted for fresh frozen plasma with the following exceptions: e Transfusion Service as having known deficiencies of Factor V or Factor I as Universal Donor plasma in emergent situations when no patient blood ible except in rare situations when it is unavailable. except in cases of MTP where limit is increased to 4 ble to frozen products due to the absence of viable white cells. Supplies Plastic overwrap bags Security snaps for water bath, if available r Cryo in the automated plasma water bath. Follow the backup procedure					
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		ueu.							
	lf:				The	en:			
	Product bag is le	Product bag is leaking			•	 Change disposition of unit to Discarded in Blood Status Update Select new unit to thaw Complete Credit Request in Customer Portal Discard unit in biohazard trash 			
	Unit is incompletely thawed				•	Gently break up any frozen chunks in bag Return to pouch and thaw for an additional 5-20 minutes			
	Unit is complete precipitate	ly thawe	d but con	tains visible	•	Return to pouch and cycle for an additional 5-20 minutes.			
	Unit contains vis size of a dime a water bath	sible prec fter 20 m	ipitate gr inutes of	eater than the additional tim	e in •	Complete Return Request n Customer Portal Return unit to Vitalant. See Transfer/Rtrun procedure Update Status in Sunquest. See "Blood Status Update Procedure".			
	Unit is complete	ly thawe	d and fre	e from precipil	ate •	Complete component prep in laboratory computer system. Refer to "Computer Component Processing" section of this SOP. Continue to next step			
12.	Was product thaw	ed to fill	patient o	rder?					
	lf:			T	nen:				
	Yes, being assi	gned to a	a specific	patient	CompleLabel u	omplete assignment in Blood Order Processing abel unit with computer generated unit tag roceed to next step. ttach a blank Emergent/MTP Use: Non-RBC Product tag to the unit			
	No, for "Emerge	ent Use"	stock		ProceeAttach				
14.	Store the thawed	compone	ents appr	opriately if the	y are not i	immediately issued.			
14.	Store the thawed of If FFP Cryoprecipitate	compone	ents appro	ppriately if the Then 1-6°C 20-24°	y are not i store at °C (Room	Temperature)			
14.	Store the thawed of If FFP Cryoprecipitate	compone	ents appro	ppriately if the Then 1-6°C 20-24	y are not i store at °C (Room	immediately issued.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate	Follow Step	the steps Action	bopriately if the Then 1-6°C 20-24 below to that	y are not i store at °C (Room v compone	immediately issued. Temperature) ent when both automated plasma water baths are out of service.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate	Follow Step 1	the steps Action	e step 1 of "Th	y are not i store at PC (Room v compon- nawing FF	immediately issued. Temperature) ent when both automated plasma water baths are out of service. EP and/or Cryoprecipitate" section.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate	Follow Step 1 2	the steps Action Complet Fill a pla	e step 1 of "TH stic tub with w	y are not i store at ?C (Room v compon- nawing FF arm water	immediately issued. Temperature) ent when both automated plasma water baths are out of service. EP and/or Cryoprecipitate" section. r.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate	Follow Step 1 2 3	the steps Action Complet Fill a place th	e step 1 of "The stic tub with wermometer in	y are not i store at C (Room v compon- nawing FF arm water the water;	immediately issued. Temperature) ent when both automated plasma water baths are out of service. P and/or Cryoprecipitate" section. r. lying on the bottom of the tub is acceptable.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5	the steps Action Complet Fill a place th Verify te Place Ff ensure t	e step 1 of "The stic tub with w ermometer in mperature is 3 FP or Cryos in hey maintain 3	y are not i store at PC (Room v component nawing FF arm water the water; 60-37°C; a the tub ar 60-37°C	immediately issued. Temperature) ent when both automated plasma water baths are out of service. P and/or Cryoprecipitate" section. r. lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. adjust if necessary using warm or cool water.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6	the steps Action Complet Fill a pla Place th Verify te Place FF ensure t Remove needed.	e step 1 of "The stic tub with we ermometer in mperature is 3 P or Cryos in hey maintain 3 component fr	y are not i store at PC (Room v component nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C. om plastic	immediately issued. Temperature) ent when both automated plasma water baths are out of service. FP and/or Cryoprecipitate" section. r. I lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. and agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if			
Bac Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6 7	the steps Action Complet Fill a place th Verify te Place FF ensure t Remove needed. Complet	e step 1 of "They are an are a	y are not i store at 'C (Room v compone hawing FF arm water the water; 30-37°C; a the tub ar 30-37°C; om plastic 'Thawing	immediately issued. Temperature) ent when both automated plasma water baths are out of service. P and/or Cryoprecipitate" section. r. I lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. Ind agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if I FFP and/or Cryoprecipitate" section.			
Bac	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6 7 8	the steps Action Complet Fill a pla Place th Verify te Place FF ensure t Remove needed. Complet Empty w	e step 1 of "The stic tub with we ermometer in mperature is 3 FP or Cryos in hey maintain 3 component fr e steps 7-8 of vater from tub	y are not i store at 'C (Room v compone nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C. om plastic "Thawing and clean	immediately issued. Temperature) ent when both automated plasma water baths are out of service. FP and/or Cryoprecipitate" section. r. I lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. and agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if FFP and/or Cryoprecipitate" section. up the area.			
Bac Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6 7 8 8	the steps Action Complet Fill a place th Verify te Place FF ensure t Remove needed. Complet Empty w Step	e step 1 of "They are an are a	y are not i store at 2C (Room v compon- nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C; om plastic om plastic and clean ow to com	immediately issued. Temperature) ent when both automated plasma water baths are out of service. FP and/or Cryoprecipitate" section. r. lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. Ind agitate by hand frequently. Add warm water as needed to c bag when thawing is complete. Dry component with a towel if pFFP and/or Cryoprecipitate" section. up the area. ponent prep a frozen plasma product to a thawed product.			
Bac Pro Coi Pro	Store the thawed of If FFP Cryoprecipitate ck Up Thawing cess	Follow Step 1 2 3 4 5 6 7 8 8	the steps Action Complet Fill a place th Verify te Place Ff ensure t Remove needed. Complet Empty w Follow Step 1	poriately if the Then 1-6°C 20-24 ⁴ below to thaw e step 1 of "Th stic tub with w ermometer in mperature is 3 FP or Cryos in hey maintain 3 component fr e steps 7-8 of rater from tub the steps below Action Navigate to F	y are not i store at 'C (Room v component nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C; om plastic om plastic and clean ow to com	immediately issued. Temperature) ent when both automated plasma water baths are out of service. FP and/or Cryoprecipitate" section. r. I lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. Ind agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if I FFP and/or Cryoprecipitate" section. up the area. ponent prep a frozen plasma product to a thawed product.			
Bac Pro Coi Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate Cryoprecipitate Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6 6 7 8	the steps Action Complet Fill a place th Verify te Place FF ensure t Remove needed. Complet Empty w Step 1	e step 1 of "The stic tub with we ermometer in perature is 3 P or Cryos in hey maintain 3 component fr e steps 7-8 of vater from tub the steps belo Action Navigate to E Prompt	y are not i store at 2C (Room v compone nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C. om plastic and clean ow to com	immediately issued. Temperature) ent when both automated plasma water baths are out of service. P and/or Cryoprecipitate" section. r. lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. Ind agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if pFFP and/or Cryoprecipitate" section. up the area. ponent prep a frozen plasma product to a thawed product. Action			
Bac Pro	Store the thawed of If FFP Cryoprecipitate Cryoprecipitate Cryoprecipitate Cryoprecipitate Cryoprecipitate	Follow Step 1 2 3 4 5 6 7 8 t	the steps Action Complet Fill a place th Verify te Place FF ensure t Remove needed. Complet Empty w Follow Step 1	a below to that a below to tha	y are not i store at PC (Room v compone nawing FF arm water the water; 30-37°C; a the tub ar 30-37°C. om plastic "Thawing and clean ow to com Blood Com Function	immediately issued. Temperature) ent when both automated plasma water baths are out of service. P and/or Cryoprecipitate" section. r. lying on the bottom of the tub is acceptable. adjust if necessary using warm or cool water. Ind agitate by hand frequently. Add warm water as needed to bag when thawing is complete. Dry component with a towel if pFFP and/or Cryoprecipitate" section. up the area. ponent prep a frozen plasma product to a thawed product. Action Enter appropriate Frozen Component Prep Code from the Table below.			

			Date	<tab> to de OR</tab>	fault t	to current date	
			T	Time Enter time unit placed into waterbath then <tab></tab>			_
			lime	Enter time u	nit pia	aced into waterbath, then<1 ab>	_
			Snift	<1ab>	1 1	ande an de laterate and	_
			Tech	<1 ab> to ac	cept t	ech code displayed.	_
	Continue Click prompt to continue or ALT C to advance to the next screen.						
			Unit Number Scan or enter the unit number <tab></tab>				
	Component Scan the component code <tab></tab>						
			Unit Data	Follow the ta	ble b	elow:	
				lf		Unit Data will	
				Adult (200 r	nl)	Auto Populate.	
				Jumbo (400) ml)	Auto Populate.	
				Pediatric		Auto Populate.	
				Cryo Reduo Plasma	ed	Auto Populate.	
				Single Cryc		Auto Populate.	
				Pooled Cry	C	Auto Populate.	
				FFP24		Enter the appropriate thawed	
					component code.		
Frozen Component	Use the	followin	g frozen component	prep codes.			
Prep Codes	Comp	onent Preparation Description Component Prep Function Code					
	Thawir	ng 5 Day Adult			STHFP5		
	Thawir	ng 5 Day	g 5 Day Jumbo			STHJP5	
			Сгуо				
	Thawir	ng Single	e Cryo		ST	HCR	
	Thawii Thawir	ng Single ng Poole	e Cryo d Cryo		ST ST	HCR CP	
	Thawii Thawii Thawir	ng Single ng Poole ng Infant	e Cryo d Cryo FFP		ST ST ST	HCR CP C C C C C C C C C C C C C C C C C	
	Thawii Thawir Thawir Thawir	ng Single ng Poole ng Infant ng 5 Day	e Cryo d Cryo FFP FFP24		STI STI STI	HCR CR C	
	Thawii Thawir Thawir Thawir Thawir	ng Single ng Poole ng Infant ng 5 Day ng Cryo F	e Cryo d Cryo FFP FFP24 Reduced Plasma		STI STI STI STI	HCR I I I I I I I I I I I I I I I I I I I	
	Thawin Thawin Thawin Thawin Thawin	ng Single ng Poole ng Infant ng 5 Day ng Cryo F	e Cryo d Cryo FFP FFP24 Reduced Plasma		STI STI STI STI	HCR IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	
	Thawin Thawin Thawin Thawin Thawin Step 2	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action	e Cryo d Cryo FFP FFP24 Reduced Plasma	roduct code corre	STI STI STI STI	HCR HCP HFPI F245 HCFP	
	Thawii Thawii Thawii Thawii Thawii Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input (roduct code corre Output code" tabl	STI STI STI STI STI	HCR HCP I HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove.	nput
	Thawin Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input C	roduct code corre Output code" tabl	STI STI STI STI STI STI	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. 1en	nput
	Thawin Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input C	roduct code corre Output code" tabl	STI STI STI STI STI TI Ates abo	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. nen o action required roceed to Step 3	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar Output	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input C nd Output information	roduct code corre Output code" tabl n is correct ect and wrong	STI STI STI STI STI STI Th No Pr Ex	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. nen o action required roceed to Step 3 kit out of BCP and start again from	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar Output c	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input (nd Output information information is incorre nent Prep Function w	roduct code corre Output code" tabl n is correct ect and wrong vas entered	STI STI STI STI STI STI STI STI STI STI	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. hen o action required roceed to Step 3 xit out of BCP and start again from tep 1.	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar Output i compor	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input O nd Output information information is incorre- nent Prep Function w information is incorre	roduct code corre Dutput code" tabl n is correct ect and wrong vas entered ect and wrong	STI STI STI STI STI STI STI STI STI STI	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. hen to action required roceed to Step 3 kit out of BCP and start again from tep 1. hter the correct component code.	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar Output output c	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input O nd Output information information is incorre nent Prep Function w information is incorre component code was	roduct code corre Output code" tabl n is correct ect and wrong ras entered ect and wrong s used.	STI STI STI STI STI STI STI STI STI Ex St St Er Ve ccc Pr	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. nen to action required roceed to Step 3 kit out of BCP and start again from tep 1. hter the correct component code. erify Input and Output information is prrect. roceed to Step 3	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify the Output c If Input ar Output i output o Output c	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input O nd Output information information is incorre component code was information is incorre determined	roduct code corre Output code" tabl n is correct ect and wrong vas entered ect and wrong s used.	STI STI STI STI STI STI STI Extraction Pr Extraction Sti CC Pr	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. hen to action required roceed to Step 3 kit out of BCP and start again from tep 1. hter the correct component code. erify Input and Output information is orrect. roceed to Step 3 • Notify your Supervisor/designee for approval to issue the product.	nput
	Thawin Thawin Thawin Thawin Thawin Step 2.	ng Single ng Poole ng Infant ng 5 Day ng Cryo F Action Verify th Output c If Input ar Output output compor Output can be Perform Note: If 1	e Cryo d Cryo FFP FFP24 Reduced Plasma e input and output pr ode and Cryo Input O nd Output information information is incorre component code was information is incorre determined steps 1-2 for addition no additional units to	roduct code corre Output code" tabl n is correct ect and wrong vas entered ect and wrong s used. ect and no issue nal units that requ	STI STI STI STI STI STI STI STI STI STI	HCR HCP HFPI F245 HCFP in the "Task 1" section. Refer to "FFP Ir ove. hen o action required roceed to Step 3 kit out of BCP and start again from tep 1. hter the correct component code. erify Input and Output information is prrect. roceed to Step 3 • Notify your Supervisor/designee for approval to issue the product.	nput

Step	Action											
5	Perfo	orm the	following at	the "Preview	Output/New Units" pro	mpt.						
	lf				Then enter.	Then enter						
	Infor	rmation	is to be sav	ed as display	ed Click "Finish	Click "Finish"						
					Proceed to \$	Step 6						
	Infor	rmation	needs to be	e corrected	Click "Cance Correct any Click Exit if	el" errors; return to S you need to discar	tep 2 and proceed as d all data	instructed				
6	Vorifi			riator atatua								
C	lf.	y Digi-i	таск тарег рі	inter status	Then:							
	Ope	erationa	l		New ISBT product Proceed to step 7	t label will print						
	Non	Opera	tional		Proceed to Down	time Labeling						
7	Initial	' I the ISI	RT Thawed (Component	abel	0						
8	Place or Cr label.	e the co yo Cod	rresponding e Labeling T	ISBT Thawe able" in this S	d Plasma component l SOP) directly over the o	abel (refer to "FFF original product lat	and Thawed Plasma oel and expiration dat	a Code Labeling Table e in lower quadrant o	e and/ f unit			
Down	ntime	Compl	ete the follo	wing steps wh	nen the ISBT label prin	ter is not operation	nal.		1			
Label	ling	Step	Action									
		2	Produ Produ Thawe Revise Pull the "Pl	Product Code Thawed Revised Expiration he "Plasma and Cryo Downtime Form" and complete the following columns.								
			Column	Action								
			Date	Date u	Date unit is thawed.							
			Unit Numb	per Place	Place a unit number sticker or write in unit number.							
			Input Compone Code	Enter	E code that is on the u	nit.						
			Output Compone Code	Enter nt Labeli	corresponding Output ng Table and/or Cryo (ISBT Code (see "I Code Labeling Tab	FP and Thawed Pla ble")	sma Code				
			New Expir Date	ration Enter 6 hour 24 hou 5 days	new expiration date for rs from thaw time for C urs from thaw time for 3 s from thaw date for 5	r the thawed produ ryo 24 thawed FFP day plasma	.uct.					
			Prepared	by Tech of	code or Initial of persor	n completing label	ing process.					
		3	Write the n both produ	ew output ISE ct codes can	3T E code on the Prod be viewed.	uct Code Label. P	artially attach the lab	el to the unit so that				
	 Place the Thawed label underneath the product description. Complete the Revised Expiration label and place directly over the existing Expiration Date. 											
	6 Have a CLS review the "Plasma and Cryo Downtime Form" to ensure output ISBT E code and Expi date are correct. If they are acceptable the CLS will document their Tech code in the "Labeled/Unit Acceptability column of the "Plasma and Cryo Downtime Form"											
FFP a	and Th	nawed	Plasma	Original	24 Hour Thawed	24 Hour	5 Day Plasma	5 Day Plasma				

References Related Document	Helmer Plasm s	a Thawir	ig System I	Manual Mo Selecting	dels DH4, SH Blood and Co	8 Version L omponents for Tr	ansfusion		
		E3587V	00		E3591V00		CPT		
		E3573V	00		E3581V00		CRT		
		E5165V	00		E3581V00		CRT		
Cryo Code Labelin	g Table	Orginal	Cryo ISBT	Code	Thawed Cry	vo ISBT code	Thawed	l Cryo SQ code	
	E07	701VC0	E4845		FDT	N/A		N/A	
	E07	701VB0	E4845		FDT	N/A		N/A	
	E07	701VA0	E4845		FDT	N/A		N/A	
	E25	587	E6623		FP24T	E2719		PTHW	
	E76	607	E7753		FP244T	E2184		PTHW4	
	E76	650	E7752		FP243T	E5550		PTHW3	
	E76	648	E7751		FP242T	E5549		PTHW2	
	E76	646	E7750		FP241T	E5548		PTHW1	
	E76	644	E7731		FP24T	E2121		PTHW	
	E25	555	E7292		FP24T	E2701		PTHW	
	E26	619	E2737		FP24T	E7317		PTHW	
	E09	904VBb	E1320		FFPT	E2278		PTHW	
	EOS	904VBa	E1320		FFPT	E2278		PTHW	
	EOS	904VB0	E1320		FFPT	E2278		PTHW	
	EOS	904VAb	E1320		FFPT	E2278		PTHW	
	EOS	904VAa	E1320		FFPT	E2278		PTHW	1
	EOS	904VA0	E1320		FFPT	E2278		PTHW	1
	EOS	904V00	E1320		FFPT	E2278		PTHW	-
	E09	904VB0	E1318		FPJT	E2284		JPTHW	
	E09	904VA0	E1318		FPJT	E2284		JPTHW	
	EOS	902V00	E1318		FPJT	E2284		JPTHW	
	E08	369V00	E1318		FPJT	E2284		JPTHW	
	E08	369VB0	E1237		FFPT	E2272		PTHW	
	EO	369VA0	E1237		FFPT	E2272		PTHW	-
	FOR	369	E1237		FFPT	F2272		PTHW	-
	E26	317			N/A	E2736		CPTHW	-
	E25	585	N/A		N/A	E2700		CPTHW	-
		552	E3093			E3042			-
		142	E 13 14		FFFI	E2200			-
	EUC	398700	E1310			E2021			-
	EU		E0797			E2/20			-
	EU	707	E0785			E2702			-
	FOT	707	E0785		FEDT	E2702			

Attachments			
No Attachments			
Approval Sig	natures		
Step Description	Approver	Date	
Laboratory Director	Lindsey Westerbeck: Dir, Lab	pending	

