



STEM CELL LABORATORY (STCL)



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Sepax 2 Guidelines-BM Processing Plasma Depletion ONLY

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SEPAX 2 GUIDELINES – BM PROCESSING, PLASMA DEPLETION ONLY

SmartRedux Guidelines - Sepax 2 Instrument

FOR PLASMA (or VOLUME) REDUCTION ONLY, NO RBC INCOMPATIBILITY

Desired Input/Output Ratio (5X, 10X, or 15X) should be chosen based on the intended recipient's size and/or desired volume for cryopreservation.

For input/output volume ratios of 5X, 10X, and 15X, enter **final volume** on the SePAX2 to reflect the calculated final product volume + calculated add'l plasma volume added together.

For an input/output volume ratio of approximately 5X

(**FOR EXAMPLE (5X)** : Initial volume = approx. 1200 mls, calculate $(1200/5)$, final volume = approx. 240mls); 240 mls (final product volume) + 10 mls (add'l plasma volume) = **250 mls final volume entered in SePAX 2.**

Initial Volume	Final Vol. Parameter	Final Volume	Add'l Plasma	Reprocessed BC	Reprocessed Plasma
Enter initial volume of Bone Marrow to be processed	FIXED	Enter final volume calculated by	10ml	0ml	0ml
		5X reduction (See calculation above)			

For an input/output volume ratio of approximately 10X

(**FOR EXAMPLE:** Initial volume = approx. 1200, calculate $(1200/10)$, final volume = approx. 120ml); 120 mls (final product volume) + 20 mls (add'l plasma volume) = **140 mls final volume entered in SePAX 2.**

Initial Volume	Final Vol. Parameter	Final Volume	Add'l Plasma	Reprocessed BC	Reprocessed Plasma
Enter initial volume of Bone Marrow to be processed	FIXED	Enter final volume calculated by	20ml	20ml	20ml
		10X reduction (See calculation above)			

For an input/output volume ratio of approximately 15X

(**FOR EXAMPLE:** Initial volume = approx. 1200, calculate $(1200/15)$, final volume = approx. 80ml); 80 mls (final product volume) + 30 mls (add'l plasma volume) = **110 mls final volume entered in SePAX 2.**

Initial Volume	Final Vol. Parameter	Final Volume	Add'l Plasma	Reprocessed BC	Reprocessed Plasma
Enter initial volume of Bone Marrow to be processed	FIXED	Enter final volume calculated by	30ml	30ml	30ml
		15X reduction (See calculation above)			
NOTE: Select between 30-3300ml		NOTE: Select between 1-1500ml	NOTE: Select between 0-150ml	NOTE: Select between 0-50ml	NOTE: Select between 0-50ml

Signature Manifest**Document Number:** STCL-PROC-046 JA3**Revision:** 01**Title:** Sepax 2 Guidelines-BM Processing Plasma Depletion ONLY

All dates and times are in Eastern Time.

STCL-PROC-046 JA3 Sepax 2 Guidelines-BM Processing Plasma Depletion ONLY**Author Approval**

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Notification

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Sharon Hartis (SH259)		28 Aug 2013, 06:58:16 PM	Email Sent
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