

<b>Department of Medicine</b> <b>Division of Hematology-Oncology</b> <b>Stem Cell and Xenograft Core</b> <b>Standard Operating Procedure</b>		
<b>SOP No.: ---</b>	<b>Title:</b> <b>Freeze Media - Recipe</b>	Page 1 of 1
Revision No. -		
Effective Date: --/--/----		
Originator: (sign and date)		
Unit Supervisor: (sign and date)		

### 1.0 PURPOSE

Instructions for preparation of Freeze Media

### 2.0 MATERIALS

Bovine Serum Albumin – BSA – catalog # 700-110, supplier – Gemini Bio-Products, stored in -20C  
DMSO – catalog # PB2311, supplier – Fisher, stored in flammables cabinet  
Hetastarch – catalog # 150938, supplier – Hospital Pharmacy, stored in TC room above sink  
Fistula needle – catalog# - BMG-97605, supplier - Medline  
Sterile 1 liter bottle -

### 3.0 PROCEDURE

- 3.1 Allow BSA (to thaw in fridge overnight before use as it is shipped frozen.
- 3.2 In sterile 1 L bottle add 6% Hetastarch, the entire bag is 500mLs.
- 3.3 Be very careful when inserting fistula needle into the bag.
- 3.4 Make sure the hemastat on line is clamped closed before inserting needle into bag.
- 3.5 Need to maintain sterility as place tubing into bottle.
- 3.6 Add 100 mL of DMSO and pipette up and down to mix well.
- 3.7 Add 100mL of BSA, BSA should always be added AFTER DMSO.
- 3.8 Make sure bottle is labeled with FREEZE MEDIA, STERILE, and DATE.
- 3.9 Store FREEZE MEDIA at 4C.