

	SOP-BCR-4.4	Preparation of Bovine Serum Albumin	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 09/24/98 Revised: 7/13/12
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1.0 Purpose

The purpose of SOP 4.4 is to provide details on how to prepare Bovine Serum Albumin (BSA).

2.0 Scope

SOP 4.4 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Description	Storage Location
1.0	Bovine Serum Albumin	Serum Albumin protein	Freezer #2 (026-328S-A)
2.0	Ham's F12	Medium	Cold Storage (026-380C)

4.0 Procedure

- 4.1 Source: JRH Biosciences 85-041-025, 25 g size.
- 4.2 Weigh out 10 g BSA.
- 4.3 Add to 500 mL Ham's F-12
- 4.4 Let it sit for 1 hour to allow the BSA to **completely** dissolve.
- 4.5 Filter sterilize with 0.22 µM filter.
- 4.6 Add 25 mL to 500 mL fresh Ham's F-12. Store at -20.

5.0 Applicable References

N/A

6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/13/12	CL	Updated room locations