

	SOP-BCR-4.7	Preparation of Medium for ER Expression	Author: S. Clouthier	Rev: 1.0	Issued: 09/24/98
			 Approved: M. Wicha 		Revised: 7/13/12

1.0 Purpose

The purpose of SOP 4.7 is to provide details on how to prepare a medium for ER expression.

2.0 Scope

SOP 4.7 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

No.	Name	Amount	Description	Storage Location
1.0	MEMB w/out Phenol	480 mL	Mammary Epithelial Basal Membrane	Cold Storage (026-380C)
2.0	Antibiotic-Antimicotic	5 mL	Antibiotic	Freezer # 2 (026-328S-A)
3.0	Gentamycin	40 µL	Antibiotic	Fridge #1 (026-328S-A)
4.0	HC (1 µg/mL stock)	500 µL	Hydrocortisone	Freezer #2 (026-328S-A)
5.0	Insulin	2.5 mL	Hormone	Freezer #2 (026-328S-A)
6.0	EGF	1 mL	Epidermal Growth Factor	Freezer #3 in box (026-314S-A)
7.0	Beta-mercaptoethanol	100 µL	Reducing Agent	
8.0	CSS (5%)	25 mL	Charcoal Stripped Serum	Freezer #2 (026-328S-A)

4.0 Procedure

4.1 Mix all ingredients together.

5.0 Applicable References

- 5.1 SOP 4.15: Preparation of Hepes
- 5.2 SOP 4.6: Preparation of Insulin
- 5.3 SOP 4.13: Preparation of EGF
- 5.4 SOP 4.5: Preparation of HC

6.0 Change Description

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