

	SOP-BCR-4.18	Preparation of Serum + EGF Medium	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 09/24/98 Revised: 7/17/12
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1.0 Purpose

The purpose of SOP 4.18 is to describe how to prepare Serum + EGF Medium. (S + EGF)

2.0 Scope

SOP 4.18 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials Needed

No.	Name	Amt.	Description	Storage Location
1.0	Ham's F12	466 mL	Nutrient Medium	Cold Storage (026-380C)
2.0	FBS	25 mL	Fetal Bovine Serum	Freezer #2 (026-328S-A)
3.0	HC	500 µL	Hydrocortisone	Freezer #2 (026-328S-A)
4.0	CT	500 µL	Cholera Toxin	GF box in freezer #3 (026-314S-A)
5.0	Antibiotic-Antimycotic	200 µL	Antibiotic	Freezer #2 (026-328S-A)
6.0	Insulin	5 mL	Hormone	Freezer #2 (026-328S-A)
7.0	EGF	500 µL	Epidermal Growth Factor	Freezer #3 (026-314S-A)
8.0	Gentamycin	50 µL	Antibiotic	Fridge #1 (026-328S-A)

4.0 Procedure

3.1 Add all ingredients to Ham's F12 Bottle.

5.0 Applicable References

- 1.0 SOP 4.13: Preparing EGF
- 2.0 SOP 4.6: Preparing Insulin
- 3.0 SOP 4.17: Preparing Cholera Toxin
- 4.0 SOP 4.5: Preparing Hydrocortisone

6.0 Change Description

Revision	Date	Reference	Description of Change
1.0	7/17/12	CL	Added room locations