

	SOP-BCR-4.22	Preparation of Collagenase for Tumor Digestion	Author: S. Clouthier  Approved: M. Wicha 	Rev: 1.0	Issued: 10/14/09 Revised: 7/17/12
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1.0 Purpose

SOP-BCR-4.22 details the preparation of Collagenase for Tumor Digestion.

2.0 Scope

BCR-SOP-4.22 covers all personnel, resources and equipment in the experimental BCR lab.

3.0 Materials & Locations

Description	Storage Location
Collagenase/Hyaluronidase (Stemcell Tech #07912)	-20°C Freezer #2 (026-328S-A), Shelf on Door
Medium 199 (Gibco/invitrogen 11150-059)	Cold Room Storage (026-380C)

4.0 Procedure

- 4.1 Remove Collagenase/Hyaluronidase from Freezer #2 and defrost. This collagenase should be diluted 10-fold as outlined below:
- 4.2 1 volume of Collagenase/Hyaluronidase: 9 volumes of Medium 199.
- 4.3 Mix the above in sterile conditions and store at -20°C.
- 4.4 Do not prepare large quantities of this mixture, as it is stable in solution for only 48 hours.

5.0 Applicable References

- Please refer to Stem Cell Technologies website for more product information and data sheets at Stemcell.com

6.0 Change Description

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