1.0 Purpose

The purpose of SOP 4.21 is to describe how to prepare Dispase aliquots.

2.0 Scope

SOP 4.21 is intended to cover all resources, personnel and equipment in the BCR laboratory.

3.0 Materials

<table>
<thead>
<tr>
<th>No.</th>
<th>Name</th>
<th>Description</th>
<th>Storage Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>Dispase</td>
<td>Dispase in Hanks’ Balanced Salt Solution Modified</td>
<td>Freezer #2 (026-328S-A)</td>
</tr>
</tbody>
</table>

4.0 Procedure

4.1 Source: Stem Cell Technologies, catalog #07913, 100mL, concentration: 5mg/mL
4.2 Remove Dispase solution from the Freezer.
4.3 Warm in the water bath until completely thawed.
4.4 Aliquot Dispase solution into 15mL tubes containing 10mL each.
4.5 Store aliquots in Freezer #2 (026-328S-A) at -20°C until needed.
4.6 Store any remainder of aliquot (if any) at 4°C after thawing.
4.7 If you are using the last of the Dispase tell someone so they can make sure to order!

5.0 Applicable References

6.0 Change Description

<table>
<thead>
<tr>
<th>Revision</th>
<th>Date</th>
<th>Reference</th>
<th>Description of Change</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.0</td>
<td>7/17/12</td>
<td>CL</td>
<td>Added room locations</td>
</tr>
</tbody>
</table>