



# BC Generations Project Protocol Variations During the First Assessment Centre

## Table of Contents

1.0	PURPOSE .....	1
2.0	COMMON VARIATIONS TO ALL DHCC ASSESSMENT CENTRE SAMPLE PROCESSING .....	2
3.0	SST SAMPLE PROCESSING .....	2
4.0	EDTA SAMPLE PROCESSING .....	2
5.0	ACD SAMPLE PROCESSING .....	2
6.0	URINE SAMPLE PROCESSING .....	2
7.0	SAMPLE RECEIPT .....	3
8.0	APPENDICES .....	4

### 1.0 PURPOSE

This document describes the protocol differences that occurred at the beginning of the project when BC Generations Project operated its first assessment centre at the Diamond Health Care Centre (DHCC). Most changes occurred during the first 5 months of the project. During this time of development, sample processing was initially conducted onsite at DHCC assessment centre then gradually relocated to the BC Cancer Research Centre over a 3 month period (Appendix A). Although the protocols are similar a few noted differences did occur and are documented here and in the Laboratory Information Management System (LIMS) where necessary.

## **2.0 COMMON VARIATIONS TO ALL DHCC ASSESSMENT CENTRE SAMPLE PROCESSING**

- 2.1 Samples processed at the assessment centre were done so behind a Plexiglas screen and not in a biological safety cabinet.
- 2.2 Resulting sample aliquots were stored at -20°C for transfer to -80°C the next day.
- 2.3 Coolbox was put into use September 1, 2009.
- 2.4 Samples were processed in smaller batches, often only 1 or 2 participant sample sets per batch.
- 2.5 Sample attributes were not recorded until April 12, 2010.

## **3.0 SST SAMPLE PROCESSING**

- 3.1 For the period of October 1- December 4, 2009 SST samples may have been allowed to clot longer than 1 hour. Documentation was kept for each sample.

## **4.0 EDTA SAMPLE PROCESSING**

- 4.1 No additional changes besides those listed in Section 2.0.

## **5.0 ACD SAMPLE PROCESSING**

- 5.1 Samples underwent a step-down cooling by placing the samples at -20°C followed by -80°C the next day. The Mr. Frosty system was not used until December 7, 2009.
- 5.2 RPMI/DMSO batches were not tracked until January 2010.

## **6.0 URINE SAMPLE PROCESSING**

**6.1** No additional changes besides those listed in Section 2.0.

## **7.0 SAMPLE RECEIPT**

**7.1** DHCC samples sent to the BCCRC for processing were documented as internal transfers. Samples were packaged on ice (EDTA, spun-SST, urine) or left un-insulated (ACD) and transported to the BC Cancer Research Centre in less than 10 minutes.

**APPENDIX A: DATES OF PROCESSING MOVE TO BCCRC**

<b>PROCESSING PROTOCOL</b>	<b>PROCESSING START DATE AT BCCRC</b>
SST	September 25, 2009
EDTA	December 9, 2009
ACD	October 8, 2009
URINE	October 27, 2009