

**BMT CTN 0102**  
**Research Sample Types and Collection Schedule**

| Subject              | Sample Type                | Sample Aliquot Volume & Quantity                          | Prior to First Auto Transplant | Prior to Second Auto/Allo Transplant | Post-Second Auto/Allo Transplant |         |         |         |         |         |         |          |
|----------------------|----------------------------|---|--------------------------------|--------------------------------------|----------------------------------|---------|---------|---------|---------|---------|---------|----------|
|                      |                            |   |                                |                                      | Day 56                           | Day 180 | Day 270 | Day 365 | Day 540 | Day 730 | Day 900 | Day 1095 |
| Patient              | Serum                      | 0.5-3.5 mL<br>1-2 aliquots                                | X                              | X                                    | X                                | X       | X       | X       | X       | X       | X       | X        |
|                      | PBMC                       | PBMC from<br>10 mL<br>Peripheral<br>Blood<br>1-2 aliquots | X                              | X                                    | X                                | X       | X       | X       | X       | X       | X       | X        |
| Allogeneic HSC Donor | Stem Cell Product Aliquots | ~ 5<br>1 mL aliquots                                      |                                | X                                    |                                  |         |         |         |         |         |         |          |

**Note 1:** Sample aliquot processing was performed by the clinical sites. 10 mL peripheral blood was collected and PBMC isolated using Ficoll gradients, cells resuspended in 4 mL freezing diluent containing DMSO and 2 mL of cell suspension added to 1-2 cryovials and frozen at -70°C. Donor stem cell product samples were stored in vapor phase liquid nitrogen. Frozen sample aliquots were periodically batch-shipped to the NHLBI Repository. All repository samples are being stored at -80°C.

**Note 2:** Various PBMC and donor stem cell product processing and freezing procedures were used at the clinical centers. Post-thaw viability may be low for these PBMC and donor stem cell product samples in this collection. Careful consideration of PBMC sample use for RNA expression studies is advised, as RNA quality may be poor in some patient samples.