

BMT CTN 2002

Research Sample Types and Collection Schedule

Sample Type	Subjects	Sample Aliquot Volume & Quantity	Recipient Time Points						
			Pre-treatment initiation	Post-treatment Initiation Day					
				6	14	28	56	90	180
Humoral Response (red/gray SST)	T-Guard participants	0.5mL, 1- 4 aliquots	X	X	X	X		X	X
Serum Cytokines & GVHD Biomarkers (red/gray SST)	All participants	0.5mL, 1- 10 aliquots	X	X	X	X			
PBMC (NaHep)	First 50 patients (25 T-Guard/ 25 Rux)	5x10 ⁶ cells/1 mL, 1-5 aliquots	X		X	X	X		X
Urine (sterile tube)	All participants	1.5 mL, 1-6 aliquots	X	X	X	X			

Serum PK sample Collection Schedule

Sample Type	Subjects	Sample Aliquot Volume & Quantity	1 st T-Guard Infusion					2 nd T-Guard Infusion			3 rd T-Guard Infusion			4 th T-Guard Infusion						
			Pre-infusion	Post 4 hours	Post 5 hours	Post 6 hours	Post 8 hours	Post 24 hours	Pre-infusion	Post 4 hours	Post 24 hours	Pre-infusion	Post 4 hours	Post 24 hours	Pre-infusion	Post 4 hours	Post 6 hours	Post 24 hours	Post 48 hours	
Serum PK (red/gray SST)	T-Guard participants	0.5 mL, 1-4 aliquots	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X

Note: Humoral Response, Serum Cytokines & GVHD Biomarkers, PBMC and Urine samples are shipped overnight to the BMT CTN Central Processing Laboratory/Repository. All samples are being sent at refrigerated temperature. The Serum PK samples are being processed and frozen locally and batch shipped on dry ice to the BMT CTN Central Processing Laboratory/Repository. All sample aliquots are being stored at -80°C with the exception that PBMC samples are controlled-rate frozen and stored in vapor phase liquid nitrogen.