

			Neat + Pronase				DTT Treatment 10 mins at 37°C + Pronase				DTT Treatment 30 mins at 37°C + Proanse			
			T-Cell		B-Cell		T-Cell		B-Cell		T-Cell		B-Cell	
Serum Date	Serum Treatment		MCS	Result	MCS	Result	MCS	Result	MCS	Result	MCS	Result	MCS	Result
Surrogate Donor A	6/19/2021	Neat	42	POS	79	POS	-8	neg	-57	neg	-12	neg	-60	neg
	8/31/2021	Neat	42	POS	86	POS	-14	neg	-67	neg	-14	neg	-65	neg
	10/5/2021	Neat	42	POS	91	POS	-18	neg	-63	neg	-23	neg	-68	neg
	10/12/2021	Neat	41	POS	83	POS	-15	neg	-63	neg	-21	neg	-68	neg
	10/26/2021	Neat	42	POS	85	POS	-15	neg	-59	neg	-21	neg	-81	neg
	6/19/2021	DTT	45	POS	101	POS								
	8/31/2021	DTT	42	POS	106	POS								
	10/5/2021	DTT	47	POS	97	POS								
	10/12/2021	DTT	44	POS	113	POS								
	10/26/2021	DTT	46	POS	104	POS								
	Positive Control Shift (Strong)		414	POS	501	POS	439	POS	510	POS	456	POS	503	POS
	Positive Control (Weak)		165	POS	240	POS	181	POS	248	POS	207	POS	247	POS
	Negative Control		297		294		302		307		290		303	
	HLA Class I Expression		481		529		509 (↑6%)		543 (↑3%)		512 (↑6%)		538 (↑2%)	
	HLA Class II Expression		NA		684		NA		677 (↓1%)		NA		657 (↓4%)	
	CD38 Expression		258		260		226 (↓12%)		201 (↓23%)		227 (↓12%)		213 (↓18%)	
Surrogate Donor B	6/19/2021	Neat	23	neg	127	POS	-11	neg	-67	neg	-14	neg	-62	neg
	8/31/2021	Neat	21	neg	126	POS	-14	neg	-73	neg	-18	neg	-64	neg
	10/5/2021	Neat	20	neg	121	POS	-24	neg	-68	neg	-22	neg	-67	neg
	10/12/2021	Neat	22	neg	122	POS	-21	neg	-67	neg	-17	neg	-66	neg
	10/26/2021	Neat	21	neg	123	POS	-16	neg	-69	neg	-21	neg	-55	neg
	6/19/2021	DTT	22	neg	111	POS								
	8/31/2021	DTT	20	neg	115	POS								
	10/5/2021	DTT	19	neg	124	POS								
	10/12/2021	DTT	20	neg	119	POS								
	10/26/2021	DTT	23	neg	116	POS								
	Positive Control Shift (Strong)		433	POS	459	POS	409	POS	442	POS	422	POS	441	POS
	Positive Control (Weak)		180	POS	214	POS	149	POS	183	POS	177	POS	198	POS
	Negative Control		281		258		315		282		301		277	
	HLA Class I Expression		560		550		600 (↑7%)		581 (↑6%)		623 (↑11%)		602 (↑9%)	
	HLA Class II Expression		NA		584		NA		640 (↑10%)		NA		636 (↑9%)	
	CD38 Expression		246		254		227 (↓8%)		185 (↓27%)		234 (↓5%)		190 (↓25%)	

Crossmatch positive cutoff: T-cell +39, B-cell +70