**Supplemental Digital Content 4 - Table 3.**

|  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Pt** | **Undilute** | **1:2** | **1:4** | **1:8** | **1:16** | **1:32** | **1:64** | **1:128** | **1:256** |
| **1** | **14154** | **10867** | **8848** | **6469** | **3971** | **2895** | **1603** | **927** | **473** |
| **2** | **14197** |  |  | **5756** | **3984** | **2545** | **1453** |  |  |
| **4** | **15586** |  |  | **11663** | **9030** | **6595** | **4338** |  |  |
| **5** | **18871** |  |  |  | **13048** | **13438** | **9143** | **6150** |  |
| **6** | **8228** |  |  |  | **8446** | **6906** | **2419** | **1755** |  |
| **7** | **7643** |  |  |  | **13217** | **12941** | **13176** | **10452** |  |
| **8** | **19502** |  |  |  | **4331** | **2760** | **879** | **449** |  |

Baseline DSA as determined by SAB assay with dilutions. The table below demonstrates the method of estimating serum DSA levels at baseline using the SAB assay. Serum was tested against the highest donor HLA bead and also diluted with saline in the concentrations shown. These data demonstrate that patient with very high levels of DSA such as those in the study tend to “saturate” the beads and thus the baseline MFI values can only be used as an estimate of the serum DSA. Diluting the serum can lead to an increase in MFI values (see patient #7). This so-called “prozone effect” may be due the reduction of a factor in the serum (ex. IgM) that might be interfering with the binding of the IgG anti-HLA antibody to the bead.