

**S1 Table. Sodium Thiosulfate Concentrations.** Sodium thiosulfate concentrations in the circulating blood surrogate solution.

| <b>Designation</b>            | <b>Blood Surrogate Solution Sodium Thiosulfate Concentration (µg/mL)</b> |
|-------------------------------|--|
| 0 Minute Pre-Filter Arterial  | 0  |
|                               | 0  |
|                               | 0  |
| 15 Minute Pre-Filter Arterial | 423.2  |
|                               | 413.5  |
|                               | 330.1  |
| 30 Minute Pre-Filter Arterial | 1198.5   |
|                               | 751.1  |
|                               | 1156.6   |
| 1 Hour Pre-Filter Arterial    | 1184.4   |
|                               | 662  |
|                               | 1089.7   |
|                               |  |
| 0 Minute Post-Filter Arterial | 0  |
|                               | 0  |
|                               | 0  |
| 15 Minute Post-Filter Venous  | 256.7  |
|                               | 37.4   |
|                               | 32.6   |
| 30 Minute Post-Filter Venous  | 186.6  |
|                               | 47   |
|                               | 85.5   |
| 1 Hour Post-Filter Venous     | 43.6   |
|                               | 43.6   |
|                               | 174.4  |