



Protocol for using Bulk-Supplied **Stable-Lyse V2** and **Stable-Store V2**

Protocol Number: SLSSP1TF-150203

Required buffers:

Stable-Lyse V2

Stable-Store V2

FACS staining buffer (Phosphate Buffered Saline + 0.5% Bovine Serum Albumen)

Sample Banking Protocol:

1. Add 350 microliters of Stable-Lyse V2 to 250 microliters of whole blood
2. Incubate at room temperature for 15 minutes
3. Add 1000 microliters of Stable-Store V2
4. Incubate at room temperature for 15 minutes

Samples can now be held temporarily at 4°C and stored frozen at -20°C or -80°C

NOTE: good results have been obtained when samples were left at 4°C for more than two weeks before being frozen at -80°C. It may be possible to get good results with samples left at Room Temperature for at least a couple of days before being frozen at -80°C. A larger volume of Stable Store may improve results when samples are stored at Room Temperature.

To Analyze Banked Samples

1. Thaw samples between 4°C and 15°C
2. Wash samples twice in FACS staining buffer

The samples can now be stained as if they were leukocytes that had been fixed with paraformaldehyde using standard staining protocols for fixed cells.