

## PRODUCT DESCRIPTION

Flow Cytometry Human Lyse Buffer is formulated and optimized to prepare human whole blood samples, or any other cell preparation containing an excess of human red blood cells, intended for flow cytometric acquisition and analysis.

## INTENDED USE

This product is designed to gently lyse erythrocytes from leukocyte cell preparations.

## STABILITY & STORAGE

Flow Cytometry Human Lyse Buffer may be stored at 2-8 °C for up to 6 months after opening, provided this is within the expiration date listed on the vial label.

## PRECAUTIONS

The safety and efficacy of this product in diagnostic or other clinical uses has not been established.

Wear protective gloves, clothing, eye, and face protection. Wash hands thoroughly after handling. Refer to the MSDS on our website prior to use.

## REAGENT PREPARATION

Dilute the Flow Cytometry Human Lyse Buffer to working strength (1X) prior to use by adding 1.0 mL of Flow Cytometry Human Lyse Buffer (10X) to 9.0 mL of distilled or deionized water.

## INSTRUCTIONS FOR USE

1. Add 2.0 mL of the working strength (1X) Flow Cytometry Human Lyse Buffer to samples and vortex vigorously.
2. Incubate the samples at room temperature until red cell lysis is complete (5-10 minutes). This is easily observed by a clearing of turbidity.
3. Proceed to flow cytometric acquisition and analysis after lysis is complete.