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Datasheet for ABIN2669205 **RBC Lysis Buffer (10X)**

Overview

Quantity:	100 mL
Application:	Flow Cytometry (FACS), Intracellular Flow Cytometry (ICFC)

Product Details

Characteristics:	Red Blood Cell (RBC) Lysis Buffer has been designed, formulated, and tested to ensure optimal lysis of RBCs in single cell suspensions with minimal effects on leukocytes. RBC Lysis Buffer is supplied as a 10X solution containing ammonium chloride, potassium carbonate, and EDTA, and should be diluted in deionized water prior to use. Nucleated RBCs are not effectively lysed with ammonium chloride.
Components:	RBC Lysis Buffer (10X)

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	10 X
Buffer:	This red blood cell (RBC) lysis buffer is supplied as a 10X solution and should be diluted to 1X in deionized water. 100 mL of 10X concentrate will yield a quantity of 1X solution that is sufficient to lyse 500 samples. The pH of the 1X solution should fall within the range of pH 7.1-7.4. Adjust the pH if necessary. Warm the 1X solution to room temperature prior to use.

Handling

Storage: 4 °C

Storage Comment: Store RBC lysis buffer between 2°C and 8°C.