

SOP-P017

Preparation of Ammonium Chloride Lysing Reagent

Objective: To prepare ammonium chloride solution for lysis of erythrocytes in one 7 ml vacutainer tube of whole blood

Procedure:

1. Pipette 10 ml 10x ammonium chloride lysing reagent (refer to SOP#-P002 for Preparation of 10x Ammonium Chloride Lysing Reagent) into a graduated cylinder.
2. Add Millipore filtered water until the volume is 100 ml.
3. Cover the top of the cylinder securely with parafilm and invert the cylinder gently several times to mix.
4. Label the cylinder with content information, date, and your initials.
5. Keep the lyse refrigerated at 0-5°C until ready to use. Discard unused lyse at the end of the day.

Created by: Gretchen Lawler

Verified by: _____ **Date:** _____

Print Name

Sign Name