Protocol

RBC Lysis Buffer (10X)

1. At room temperature (18-25°C), dilute 1 part of 10× red cell lysis concentrate with 9 parts deionised water to obtain 1× working solution.

2. Following incubation under conditions specified in the antibody manual, proceed with red cell lysis.

3. Gently mix whole blood before red cell lysis.

4. Add 2 mL working solution to each 100 uL fresh anticoagulated blood sample. Invert to mix thoroughly, then lyse at room temperature for 5 minutes.

5. Centrifuge at 300-400 g for 5 minutes at room temperature. Discard the red supernatant. (If incomplete lysis occurs, repeat step 2. Normally, slight amounts of red blood cells do not affect subsequent testing.)

6. Add 2 mL PBS, mix thoroughly, then centrifuge at 300-400 g for 5 minutes at room temperature. Discard the supernatant.

7. Add 200 uL PBS, mix thoroughly, and proceed to instrument analysis promptly.

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