Reconstituted stock solution of lyophilized reagent is stable as follows:
- 6 months when stored at 2-8°C or 0 to -20°C when reconstituted using the Reconstitution Procedure described in the REAGENT PREPARATION section. If all of a reconstituted reagent is not to be used within 6 months, follow the Freezing Procedure.

1 year when stored at -70°C using the Freezing Procedure.

Freezing Procedure
MATERIALS REQUIRED BUT NOT SUPPLIED:
PBS - Phosphate Buffered Saline (pH=7.2)
PN 6603369
PBS containing 2% heat-inactivated fetal or newborn calf serum (FCS). Dilute 2 mL of calf serum to 100 mL with PBS.

1. Dilute the reconstituted stock solution of the COULTER CLONE reagent with PBS containing 2% FCS prior to freezing as follows:
   Add 5 µL of reconstituted stock solution (1 test*) to 100 µL of PBS with 2% FCS**.
   **These may be frozen in multiple test volume aliquots. This yields 2X the concentration of the working solution.

2. Prior to use, allow the frozen aliquot to reach 20-25°C.
3. The frozen aliquot, at 2X the final concentration, must be further diluted to equal the total volume as calculated in the REAGENT PREPARATION section. Dilute each aliquot with the appropriate volume of PBS without 2% FCS and mix well.
4. Avoid repeated freeze/thaw cycles. This will denature the antibody protein.
5. Do not store in a self-defrosting freezer.

EVIDENCE OF DETERIORATION
Any change in the physical appearance of this reagent* or any major variation in values obtained for control samples may indicate deterioration and the reagent should not be used. If the lyophilized material appears moist, do not use.

*Normal Appearance of Reagent
FITC labeled: Lyophilized-white to yellow-orange plug
Reconstituted-clear, colorless to yellow-green liquid

REAGENT PREPARATION
Reconstitute the lyophilized COULTER CLONE IL-2R(p75)-FITC reagent by adding 500 µL of distilled water to the vial. This is the stock solution. Centrifuge the stock solution at 20-25°C at 100,000 x g for 10 minutes to optimize staining results. Use this liquid reagent directly from the vial as the stock solution. The reagent working solution** is prepared as follows (volume listed is on a per test basis):

Add 5 µL of stock solution to 195 µL of PBS**.