

# EasySep™ Red Blood Cell Lysis Buffer



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## Red blood cell lysis buffer

Catalog #	20110	10 mL
	20120	100 mL

## Product Description

EasySep™ Red Blood Cell (RBC) Lysis Buffer is for use as directed with EasySep™ or RoboSep™ Whole Blood kits for the lysis of RBCs prior to separation from whole blood.

## Properties

**Storage:** Store at 15 - 25°C.

**Shelf Life:** Stable until expiry date (EXP) on label.

Please refer to the Safety Data Sheet (SDS) for hazard information.

## Handling / Directions For Use

### PREPARATION OF 1X RBC LYSIS BUFFER

EasySep™ RBC Lysis Buffer is supplied as a 10X concentrate. 1X RBC Lysis Buffer should be prepared at least 1 hour before use.

1. Prepare 1X RBC Lysis Buffer by adding 1 part EasySep™ RBC Lysis Buffer to 9 parts distilled or Type 1 water.
2. Mix gently and completely before use.

NOTE: If not used immediately, store 1X RBC Lysis Buffer at 2 - 8°C for up to 3 months. Do not freeze.

### LYSIS OF RBCs

1. Collect whole blood in heparinized blood collection tubes. Add a maximum volume of 4.5 mL whole blood to a 14 mL polystyrene tube (blood must be placed in a 14 mL tube to properly fit into "The Big Easy" EasySep™ magnet).

NOTE: 14 mL (17 x 100 mm) polystyrene round-bottom tubes (Corning Catalog #352057) are recommended.

2. Add 1X RBC Lysis Buffer at a ratio of 1 part RBC Lysis Buffer to 1 part whole blood. Mix well.
3. For EasySep™: Proceed immediately to cell labeling and separation. Add reagents according to the relevant EasySep™ Whole Blood Kit Product Information Sheet.

For RoboSep™: Load the carousel according to the onscreen prompts for the selected EasySep™ Whole Blood protocol. Cocktail and magnetic particle additions will be performed automatically.

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