



# Tech Tips

## *Xenographic Retention Chromatography (XRC)*

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### Specimen Collection

#### Overview

This is a convenient procedure for collecting blood specimen from patients for testing of circulating tumor cells. This procedure is compatible with our EpiSep™ Cytokeratin reagent kits.

#### Materials Required

- Sodium heparin (Green Top) blood collection tubes.
- Other necessary blood drawing supplies.
- Labels for identifying patients' specimens.

#### Precautions

- All specimens should be considered potentially infectious. Normal precautions as they apply to your facility should be used for handling and disposal of biohazardous materials during and after collection and testing
- Use sodium heparin anticoagulants. Do not use specimens treated using citrate anticoagulants.
- The initial tube of blood collected following venipuncture may contain epithelial cells from the needle coring process. The presence of such cells constitutes a contamination and will result in a false positive result

#### Suggested Sample Collection Procedure

- 1) Label all tubes with patient identification.
- 2) Collect 2 to 3 mL of blood into a vacutainer tube and discard. The initial collection of blood may contain epithelial cells from the needle coring process. The presence of these cells constitutes a contamination and may result in a false positive result.
- 3) Collect at least 15mL of blood by drawing into 2 x 10mL sodium heparin (Green Top) vacutainer tubes.
- 4) Invert the tubes several times to ensure proper mixing of the blood with the anticoagulants.

#### Preparing and Preserving Human Whole Blood

##### Specimen Tech Tip

- Refer to ML081216-22 for a recommended procedure.

#### Technical Assistance

For technical assistance, contact the WaveSense, Inc. Technical Service Department at (800) 807-7760 or (949) 341-1980 or Fax to (949) 341-1982.

#### Customer Service

To place an order, contact the WaveSense, Inc. Customer Service Department at (800) 807-7760 or (949) 341-1980 or Fax to (949) 341-1982.

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