

### Medium Kit without Serum and without Growth Factors (4Z3-500-S)

**Product Description:** This Medium without serum always refers to a medium intended to be supplemented by serum to become complete. **This is not a complete medium.** For complete medium, add 5-20% Serum (defined FBS or equivalent) and animal derived growth factor, CultureBoost™, 4CB-500 or human recombinant growth factor, CultureBoost-R™, 4CB-500-R. Medium contains no added hormones or antibiotics, however, Bac-Off® (Cat. #4Z0-643) antibiotic solution is recommended for all Cell Systems media.

- Must be supplemented with 5 – 20% fetal bovine serum to become complete
- Must be supplemented with CultureBoost™ (4CB-500) or CultureBoost-R™ (4CB-500-R)
- Does not contain serum
- Does not contain phenol red

Cell Systems media and reagents are sterile, made with WFI and all components are cGMP and ISO Compliant.

**Components:** Kit consists of 500mL Medium, 10mL CultureBoost-R™ (4CB-500-R) or 5mL CultureBoost™ and 10mL Attachment Factor™ (4Z0-201, extracellular matrix reagent for coating flasks). **To make a complete medium,** add 5-20% serum (defined FBS or equivalent) and the included CultureBoost-R™.

**Storage:** Immediately refrigerate (2 - 8°C) the medium, CultureBoost-R™, and

AttachmentFactor™. If the entire 500mL unit of media will not be used within 30 days, supplement the medium with 5-20% Serum and 10mL CultureBoost-R™, then aliquot and freeze in smaller units, which must be used within 30 days. Once the unit is supplemented, or any component of the medium kit is opened, the shelf life is 30 days at refrigerated (2 - 8°C) temperatures. Store AttachmentFactor™ at 2 - 8°C between uses.

**Product Use:** 4Z3-500-S is for laboratory research only. It is not approved for human or animal use, or for application in *in vitro* diagnostic procedures.

**Shipping:** All medium and reagents shipped at ambient temperature.

**Instructions for Use:** Spray the outside of all tools/instruments (bottles, tubes, racks, etc.) with ethanol solution before bringing them under the hood. Make sure all work surfaces are disinfected. Spray the outside of your gloves prior to work under the hood.

- Place under hood 500mL media, 5mL CultureBoost™ or 10mL CultureBoost-R™ and 5-20% Serum.
- Remove shrink wrap and place cap sides down under hood onto ethanol sprayed gauze.
- Pipette or pour 5mL CultureBoost™ (4CB-500) or 10mL CultureBoost-R™ (4CB-500-R) and 5-20% Serum into 500mL media.
- Replace cap on media and refrigerate or use in cell culture. Media is now complete.

