Complete Classic Medium with Serum and CultureBoost™ (4Z0-500)

Product Description: This medium is formulated with 10% FBS serum. This becomes a complete medium once activated with the included CultureBoost™ growth factor supplement. Basal medium contains no added hormones and contains no antibiotics. This medium offers consistent and stable environment to optimize the thawing and passaging of primary cells. The serum-based formulations:

- Are based on a modified and optimized basal DMEM/F12 (1:1)
- Contain serum at 10% by volume
- Do not contain phenol red
- Packaged in 500mL bottles

Bac-Off® (Cat. #4Z0-643) antibiotic solution is recommended for all Cell Systems media. Medium contains no phenol red, which interferes with cell physiology.

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

Components: Kit consists of 500mL Medium, 5mL CultureBoost™ (Cat # 4CB-500, containing animal derived growth factors) and 10mL Attachment Factor™ (Cat #4Z0-201, extracellular matrix reagent for coating flasks).

Storage & Shelf Life: Immediately refrigerate the medium, CultureBoost™, and AttachmentFactor™ at 2–8°C. Once the basal medium is supplemented with CultureBoost™, the supplemented medium has a 30-day shelf life when stored at 2–8°C. If the full 500 mL unit will not be used within 30 days, supplement the medium first, then aliquot and freeze it in smaller working volumes. Frozen aliquots of supplemented medium are stable for up to 90 days from the date of freezing. After thawing, each aliquot must be used within 30 days when stored at 2–8°C. Do not refreeze thawed aliquots.

Store AttachmentFactor™ at 2 - 8°C between uses.

Product Use: 4Z0-500 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 and 5mL CultureBoost™
- Remove shrink wrap and place cap sides down under hood onto ethanol sprayed gauze.
- Pipette or pour 5mL CultureBoost™ into 500mL media.
- Replace cap on media and refrigerate or use in cell culture. Media is now complete.