

**Complete Medium Formulated at Normal Blood Glucose Level (0.9008g/L) with Serum and CultureBoost-R™ (4N0-500-R)**

**Product Description:** This medium is formulated with 10% FBS serum. This becomes a complete medium once activated with the included CultureBoost-R™ growth factor supplement. Basal medium contains no added hormones and contains no antibiotics. 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, (glucose concentration = 0.9008g/L), 10mL CultureBoost-R™ (Cat # 4CB-500-R, containing human recombinant growth factors) and 10mL Attachment Factor™ (Cat #4Z0-201, extracellular matrix reagent for coating flasks).

**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 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:** 4N0-500-R 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 10mL CultureBoost-R™
- Remove shrink wrap and place cap sides down under hood onto ethanol sprayed gauze.
- Pipette or pour CultureBoost-R™ into 500mL media.
- Replace cap on media and refrigerate or use in cell culture. Media is now complete.