

## **CELLiST™ BASAL Media (Model No. BASAL4P)**

FOR LABORATORY USE ONLY.  
NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

### **Properties**

- Chemically-defined, protein-free medium using no animal components.
- Contains no hydrolysates, extracts or other undefined components.
- Does NOT contain thymidine and hypoxanthine.
- Does NOT contain L-glutamine sources.
- Does NOT contain sodium bicarbonate
- Contains 1.0g/L poloxamer.
- Contains 8.4 g/L D-glucose.

### **Instructions for use (preparation)**

(1,000 mL of medium preparation)

1. Add 27.3 g of ASFBASAL4p powder to 900 mL of cell culture grade water (room temperature).
2. Quickly diffuse the powder into the water and mix until dissolved (approximately 30 minutes).
3. Add 1,500 mg of sodium bicarbonate.
4. If necessary, add L-glutamine source to the solution at a proper concentration.
5. Mix until dissolved completely (approximately 30 minutes).
6. Adjust medium volume to 1,000 mL with cell culture grade water and mix to uniform consistency.
7. Sterilize by filtering through a membrane filter with pore size of 0.2 to 0.22 µm in diameter.
8. Keep prepared medium refrigerated (2 to 8°C) until use.
9. If necessary, add appropriate sterile growth factors (e.g. insulin or IGF-1) before use.

### **Storage**

- Store under a cool (2 to 8°C), dark and dry condition.

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