Eat Well, Live Well.

AJINOMOTO

Ver.2.0

CELLiST™ BASAL Media (Model No. BASAL3)

Properties

- Chemically-defined, protein-free medium using no animal components.
- Contains no hydrolysates, extracts or other undefined components.
- Does NOT contain thymidine or hypoxanthine.
- Does NOT contain L-glutamine sources.
- Does NOT contain sodium bicarbonate or poloxamer.
- Contains 10.0 g/L D-glucose.

Instructions for liquid media preparation (1L)

1. Add the entire amount of BASAL3 powder (27.0g) to a 1-L beaker or flask containing 900 mL of cell culture grade water (room temperature).
2. Rinse the package with a small amount of cell culture grade water to remove traces of powder, and add to the solution.
3. Mix for at least 20 minutes, or until completely dissolved, using magnetic stirrer. Do not heat the medium.
4. Add 1,000 mg of poloxamer P188 and 1,800 mg of sodium bicarbonate, or as desired.
5. If necessary, add L-glutamine source to the solution at a proper concentration.
6. Mix until dissolved completely (approximately 30 minutes).
7. Add cell culture grade water to the solution to bring it to the final volume (1L) and continue mixing for 60 minutes, or until completely dissolved. To avoid fluctuations in pH, keep the vessel covered until the medium is filtered, in the next step.
8. Sterile filter in a clean bench, using a membrane filter with pore size of 0.2 to 0.22 µm in diameter (using a positive pressure system).
9. Keep the prepared medium refrigerated (2 to 8°C) until use.
10. If necessary, aseptically add required growth factors (e.g. insulin or IGF-1) before use.

Storage

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

NOT INTENDED FOR HUMAN OR THERAPEUTIC USE.

CELLiST™

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