



## CELLiST™ FEED Media (Model No. FEED2)

### Properties

- Chemically-defined, protein-free media using no animal components.
- Contains no hydrolysates, extracts or other undefined components.
- Does NOT contain L-glutamine sources.
- Does NOT contain D-glucose. If necessary, please add D-glucose at 70~100 g/L.

### Instruction for use (preparation)

(200 mL of medium preparation)

1. Add all amount of the medium powder (22.0g) to 140 mL of cell culture grade water (room temperature).
2. Put small amount of cell culture grade water in the pouch to rinse, add the water to 1 to ensure all the medium powder is used.
3. Mix for around 30 min.
4. Add 1.04 mL of 8 N NaOH and mix until dissolved completely (around 60 min).
5. Measure the pH and it should be pH6.5 ~ 7.0.
6. If necessary, add 14~20 g of D-glucose at this step.
7. Adjust medium volume to 200 mL with cell culture grade water and mix to uniform consistency.
8. Sterilize by filtering through a membrane filter with pore size of 0.2 to 0.22 µm in diameter.
9. Keep the prepared medium refrigerated (2 to 8°C) and don't store more than 1 month before use.

### Basic fed-batch protocol

- Define the initial volume of a basal medium as 100% (v/v).
- Add 2-6% (v/v) of this product every other day from culture day 3 or 4.  
(Ex. 4% addition on culture day 4, 6, 8, 10, 12)
- If necessary, add additional D-glucose solution separately to keep proper D-glucose concentration.

### Storage

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

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

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