Servicebio® Gel casting system solution set

Cat. No:G2181-2.5L

Product Information

Product Name	Cat. No.	Spec.
Gel casting system solution set	G2181-2.5L	2.5 L

Product Description/Introduction

This set together with Gel casting system provides a convenient method for electrophoresis gel preparation.Users only need to insert the aspiration tubes A/B/C/D in corresponding reagent bottles respectively. Then follow the program of the casting system to get the correspond gel of Tris-HCl system.Compared with the traditional gel preparation method, it has the following advantages:

Easy to use: No calculating,no hand making,just click the desired concentration to get the gel.

Product already premixed TEMED: There is no need to add TEMED in the gel preparation process, avoiding exposure to foul-smelling toxic reagents.

Excellent separation effect: This reagent is used with a special algorithm program of the gel making instrument. Not only equal gel, but also linear gradient gel can be prepared. Compared with equivalent gel, gradient gel electrophoresis has smoother, clearer, more delicate and sharper protein bands, with a wider separation range and higher resolution.

Storage and Shipping Conditions

Ship with wet ice; Stored at 2-8℃, valid for 12 months. When Solution C has been be preparad ,it can be stored at room temperature for 1 month, 2-8°C for 3 month

component

Component number	Component	G2181-2.5L
G2181-1	Gel casting system solution set Solution A	500mL
G2181-2	Gel casting system solution set Solution B	500mL
G2181-3	Gel casting system solution set Solution C (powder)	4×1g
	500mL reagent bottle with 500mL pure water	500mL×2
G2181-4	Gel casting system solution set Solution D	500 mL
Manual		1pc

Procedure

1. Add a tube of Solution C powder into a dedicated bottle for Solution C and dissolve it thoroughly (increase appropriately when the temperature decreases, and it is recommended to add two tubes at 15℃).
2. Place solution A, B, C and D in the corresponding slots on the dispenser and determine the height of the liquid level.
3. Insert the aspiration tubes A/B/C/D in corresponding reagent bottles respectively（red tube to solution A, green tube to solution B, yellow tube to solution C,blue tube to solution D）.
4. Run the corresponding program of the dispenser to see the reagents being pumped into the corresponding pipeline.

Note

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1. Be sure to match solution A, B , C and D with the right tubes. (red tube to solution A, green tube to solution B, yellow tube to solution C,blue tube to solution D）.
2. Do not mix solution A/B/C/D， it may cause the reagent to coagulate.
3. Regularly check the height of the liquid level， If there are any deficiencies, add them in time.
4. The bottle for cleaning solution should be cleaned regularly, and it is recommended to clean it once every 3 months.
5. Avoid long-term standing of solution A/B/C/D . If the equipment is not used for more than a week, A/B/C/D solutions need to be placed separately in pure water for maintenance operations, thoroughly cleaning the entire system.

For Research Use Only!

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