

12% yellow SDS-PAGE gel preparation kit

Item number: P1224

Specification: 25T/50T

Storage: 2-8°C store away from light, valid for 1 year.

Product Contents:

	25T	50T	Storage conditions
12% SDS-PAGE separation glue premix	200mL	200mL×2	4°C, away from light
5% yellow SDS-PAGE concentrated glue Premix	100mL	100mL	4°C, away from light
PAGE adhesive coagulant	1g	2g	Dry powder 4°C; Solution -20°C
PAGE gel accelerator	0.8mL	1.5mL	4°C, away from light

Instructions for use:

1. 10%PAGE glue coagulant configuration method, take 0.1g PAGE glue coagulant to add 1mL distilled water, to be completely dissolved, that is, 10%PAGE glue coagulant.
2. In 12% SDS-PAGE separation glue premix, according to the proportion of 1% to add the corresponding amount of 10% ammonium persulfate or its substitute solution, according to the proportion of 0.1% to add the corresponding amount of TEMED. For example, in 10mL 12% SDS-PAGE lower rubber premix, add 100μL 10% ammonium persulfate or its substitute solution and 10μL TEMED or its substitute solution. Mix well and pour into the glue making mold. Seal the liquid surface with isopropyl alcohol or distilled water until the lower layer of glue solidifies fully.
3. Remove the liquid covered by the separation glue, and try to clean it, then pour into 5% yellow SDS-PAGE upper glue premix with 10%PAGE glue coagulant solution and PAGE glue coagulant promoter, insert the comb, when the upper glue solidifies, it indicates that the gum making step is over, and you can prepare for subsequent electrophoresis. **The prepared concentrated glue is yellow, the sample hole is clear, and it is convenient to point the sample.** Usually the glue will set within 30-60 minutes. The specific setting time depends on temperature and light. (Refer to the table below)

Ingredients	Volume (mL) of each ingredient needed to prepare different volume separation glue premixes					
	5	10	15	20	30	50
12%SDS-PAGE separation glue premix	5	10	15	20	30	50
10%PAGE Glue coagulant	0.05	0.1	0.15	0.2	0.3	0.5

PAGE gel accelerator	0.005	0.01	0.015	0.02	0.03	0.05
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Ingredients	Volume (mL) of each ingredient needed to prepare different volume concentrated glue premixes					
	2	5	10	20	30	50
5% yellow SDS-PAGE concentrated glue premix	2	5	10	20	30	50
10%PAGE Glue coagulant	0.02	0.05	0.1	0.2	0.3	0.5
PAGE adhesive coagulant	0.002	0.005	0.01	0.02	0.03	0.05

Note:

1、 In winter, when the room temperature is low, you can add a small amount of TEMED to promote gel solidification; Glue can also be put in 37°C temperature box solidification.

2、 Sds-page separation glue premix contains SDS, if placed at low temperature precipitation, the solution can be restored to room temperature, to be dissolved after precipitation before use.

3、 PAGE adhesive coagulant and 10%PAGE adhesive coagulant are finally added, and the reagent added before adding should be mixed. 10%PAGE glue coagulant solution is valid for one week at 4°C; PAGE adhesive coagulant is volatile, please close the bottle cap tightly after use.

4、 There is dye in the concentrated glue premix, which may precipitate, shake well before use.

Related products:

A1030 10%PAGE adhesive coagulant

A1050 5% SDS-PAGE Concentrated glue Premix

T8090 PAGE Glue Accelerator

A1010 30% Acr/Bis (29:1)

P1300 Coomassie Brilliant Blue Quick Dyeing Solution

P1015 4×Protein Loading Buffer (DTT included)

PC0020 BCA protein concentration determination kit

PR1600 prestain with low molecular weight protein MARKER

PE0010 ECL Plus Fluorescence Detection Reagent (ECL Supersensitive Luminescent Liquid)