

SuperDissol Instant PBS Buffer

Cat#: 8005011/8005012

[Product Name]

SuperDissol Instant PBS Buffer

[Model & Size]

Product Name	Cat No.	Size
SuperDissol Instant PBS Buffer	8005011	20 packs/box
	8005012	100 packs/box

Note: The pH value of 1× solution is 7.4±0.2@25°C.

[Product Description]

Instant PBS Buffer is a commonly used protein gel electrophoresis buffer in biological experiments. It is suitable for general SDS-PAGE protein electrophoresis, especially SDS-PAGE gel for the Bis-Tris system. It is matched with Bis-Tris protein gel and suitable for electrophoresis of small to medium molecular weight proteins. Instant PBS Buffer is white to off-white instant granules, and each pack of this product can produce 1 L of 1 × PBS Buffer, which is easy to operate and use. The main components of PBS are sodium chloride, potassium chloride and phosphate. The concentration of sodium chloride, potassium chloride and phosphate in 1 × PBS Buffer is 137 mM, 2.7 mM and 10 mM respectively.

Instant PBS Buffer is widely used in biological research, which can be used in immunoassay tests, microbiology experiments, protein biochemical experiments, etc. The Instant PBS Buffer prepared with PBS instant granules can be used for cell culture, washing and other related experiments after being treated with 0.22 μm sterilizing filter.

Note: All relevant raw materials are AR/GR grade.

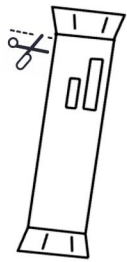
[Storage And Transportation]

Store at room temperature of 10°C~30°C, protected from light, with a shelf life of 36 months.

[Operating Instruction]

1. Place a clean beaker, and add the entire contents of a newly opened pack of Instant PBS Buffer.
2. Measure about 500 mL of pure water, slowly add it into the beaker, and gently stir with a stir bar until it is completely dissolved. (This step can also be performed with a magnetic stirrer)
3. Transfer the PBS solution in Step 2 into a constant volume container, and add water to dilute to 1 L, which is 1 × working solution.

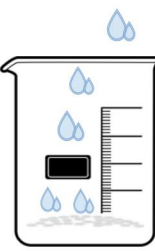
[Schematic Diagram of Instant Buffer Preparation]

Steps: 1. Unpack


1. After unpacking a pack of instant granules, add the granules into a beaker.

2. Pre-dissolution

1~5 minutes



2. Add 500 mL of pure water to the beaker to dissolve the granules completely.

3. Dilution

1 minute











3. Transfer the dissolved solution into a volumetric flask, and then add an appropriate amount of water to dilute to 1000 mL.

Figure 1. Schematic Diagram of Instant Buffer Preparation

Note: Wash the container sufficiently with pure water before preparation, and clean it in time after preparation.

[Description Of Product Symbol]

Product Symbol	Description	Product Symbol	Description
	Catalog Number		Batch Code
	Date of Manufacture		Manufacturer
	Keep away from light		Temperature limit
	Consult instructions for use		Use-by date

[Company Information]

Manufacturer and after-sales service unit Name: Shenzhen Dakewe Bio-engineering Co., Ltd.

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