

Product information

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Precast 10x 8.2 cm; 10 Wells; 4-20% with Tris buffer

Catalog #: C651105 (10 Wells) / C661106 (15 Wells)
Size: 10 units
Storage: 2-25°C*

*: Product will be shipped at ambient temperature. Tris-Gly gel will have a 6-month shelf life when stored at room temperature or an 18-month shelf life when stored at 2~8°C.

Product Description:

- Sheet size: 98 × 84 × 4.1mm
- Precast Gels: 81 × 74 × 1.5mm

Electrophoresis Conditions and Molecular Weight Range of Isolated Proteins:

Cat no.	Gel concentration	Wells	Well volume	Separation range KD	Voltage	Time
C651105	4~20%	10	60 µl	10-200 KDa	150-180V	60 min
C661106	4~20%	15	30 µl			

NOTE: Tris-Gly gels are free of SDS which can be used for SDS-PAGE and Native PAGE.

Procedure:

1. Dilute running buffer with distilled water to 1X working solution before experiment.
2. Remove the comb carefully and rinse the gel wells with ultrapure water prior to sample loading for removal of trace storage buffer to achieve optimal band resolution and sharpness.
3. Insert gel into the gel running tank.
4. Fill the gel running tank with 1X running buffer and ensure cathode chamber a proper seal.
5. Load the samples into the wells. Do not exceed well capacity when loading samples.
6. Run the Gel at constant voltage (see Table above) until the blue dye front reaches the bottom of the gel cassette.
7. After electrophoresis, remove the sheet and use forcep or comb to get the gel gently for subsequent experiment.



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NOTE: When using Bio-Rad tanks, remember to reverse the green device gasket to the flat (back) side. If this is not done, the protruding portion of the gasket will prevent the precast gel from making a tight seal and the inner chamber buffer will leak into the outer chamber.

Compatible Electrophoretic Systems:

1. Bio-Rad Mini-PROTEAN (II/3/Tetra System)
(Need to make a simple transformation - if you need block, contact the protein technical support application)
2. Hoefer Mighty Small (SE 250/SE 260/SE280)
3. Life Technology Novex Mini-Cell
(Special baffle needs to be added - if you need block, contact the protein technical support application)
4. LIUYI DYCZ-25E, DTCZ-24K, DYCZ-24KS, DYCZ-24KF
5. JUNYI JY-SCZ2+
6. Tanon VE180
7. Or other plates with a width of 10 CM

Storage Conditions:

Tris-Gly gel features an extended shelf-life of up to 6 months when stored at room temperature or 18 months when stored at 2~8°C. Do not freeze.



PRODUCTS ARE INTENDED FOR BASIC SCIENTIFIC RESEARCH ONLY.
NOT INTENDED FOR HUMAN OR ANIMAL USE.