

PRODUCT INFORMATION

Blank FocusGel 24S

Cat. No.: 43413

PRODUCT DESCRIPTION

Blank FocusGels 24S has 24 sample slots for 25 µl each. The gels were developed by SERVA to provide a versatile solution to perform isoelectric focusing (IEF) of any pH range. They are given the prefix “blank” to indicate that they are “empty” dried gels with a matrix that can be adapted to anything the user wants to be. **Blank FocusGels** get rehydrated in the ampholyte mixture of choice prior to electrophoresis.

Rehydration solution: Example for composition

	w/o urea	w/ urea
Urea (cat. no. 24524)	-	24 g
SERVALYT™ (of choice)	4 ml	4 ml
Glycerol (99%; cat. no. 23176)	5 ml	5 ml
H ₂ O, dist.	ad 50 ml	ad 50 ml

Storage at room temperature for one week is possible.

Protocol:

- Fill the rehydration solution in a tray fitting to the size of the gel (without trapping any air bubbles).
- **IMPORTANT:** Level the tray to ensure even rehydration of the gel.
- Remove the cover film and place the gel with the gel layer upside down in the tray. Then cover the tray with a glass plate to prevent any evaporation and/or crystallization or urea.
- Incubate the gel for 2 h while gently shaking.
- Remove the gel, place it with gel layer up on the lab bench and dry the surface with the included Drying Card Board carefully. It is important to remove any remaining liquid from the gel surface. Make sure that also the sample slots are dry. The gel is now ready for IEF.
- In case the gel should be stored overnight, cover the gel surface with the cover film and store it in a plastic bag. Prior use, dry the gel surface again.

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