

SDS Gel Preservation

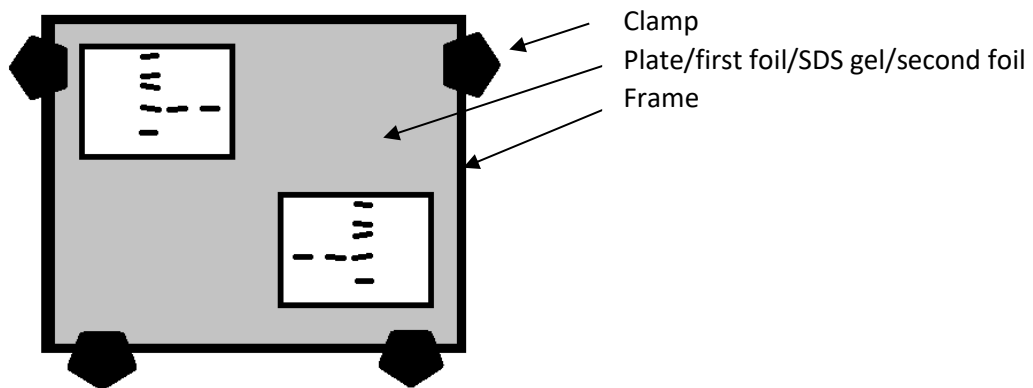
The SDS Gel Preservation is a method of storing polyacrylamide gels inexpensively and for a long period of time. The gel is enclosed in an airtight foil, which is ideal for later use in laboratory books.

Materials

Distilled Water
Small Tupperware
2 foils
2 plastic frames
4 clamps
1 plastic plate

Procedure

Fill Tupperware with distilled water (dH₂O)
Remove the SDS gel from the dye and transfer to Tupperware.
5 min shake
Then wash the gel with dH₂O.
Moisten a foil with dH₂O and place it on the plastic plate (the plate is on the frame).
Remove air bubbles between foil and plate
Place SDS Gel on foil
Moisten second foil with dH₂O and place carefully on gel and first foil (avoid air bubbles)
Place the second frame on the second foil and fix both frames over the clamps
Place the holder upright and wait one day.
Cut around the gel with scissors to obtain preserved gel.



Trouble shooting

Air bubbles should be avoided, and the foils should always be cut out generously.

References

[1] Lab member working group Stehle