

Aim 38

To Prepare Assembly for Gel Electrophoresis

Requirements

Spacer, silicon, high vacuum syringe, clippers, glass slab, beaker, water etc.

Procedure

- 1) Took the glass slab and clean it from one side with dehydrated alcohol with help of cotton. Similarly other slab should be clean.
- 2) Now make the three side of glass slab coated with help of silicon high vacuum syringe
- 3) Sticks the spacer to these coated site carefully so that no blank remained among these
- 4) Again with help of silicon high vacuum syringe put the silicon on spacer
- 5) Place the second glass slab on the spacer carefully and allow to dry so that it can completely stick to it.
- 6) Now clipped it with help of clipper and made it to stand erect on surface.
- 7) To check any leakage in the assembly pour water in this with help of beaker.
- 8) If no leakage is there assembly to prepare slab of gel is prepared.

Precautions

1. Glass slab and Spacer must be clear carefully and completely.
2. Silicone gel coated on slab and spacer and must be homogenous and no space must remain during coating.
3. Glass apparatus should be handle carefully.