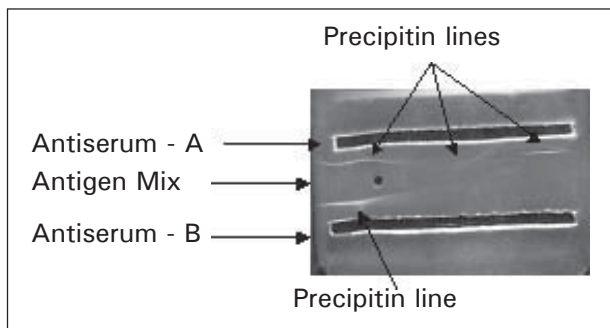


Immuno electrophoresis Techniques

GeNei™ Immuno electrophoresis (IEP) Teaching Kit

Immuno electrophoresis (Gabar Immuno electrophoresis) is a combination of electrophoretic separation of complex antigen mixture such as serum and then immunodiffusion in gel to form antigen-antibody precipitin line. This technique is used to study complex proteins and homology of their antibody.

A typical pattern of precipitin line in IEP agarose gel is shown in the figure below.



The kit contents are sufficient for 5/10 experiments.

Materials Provided:

- Agarose
- Electrophoresis Buffer
- Test Antiserum
- Antigen
- Instruction Manual

Elpho Kit (Cat # 107073)

Specially designed mini size immuno electrophoresis apparatus and power supply unit (50 V/100 V) which can be ordered separately.

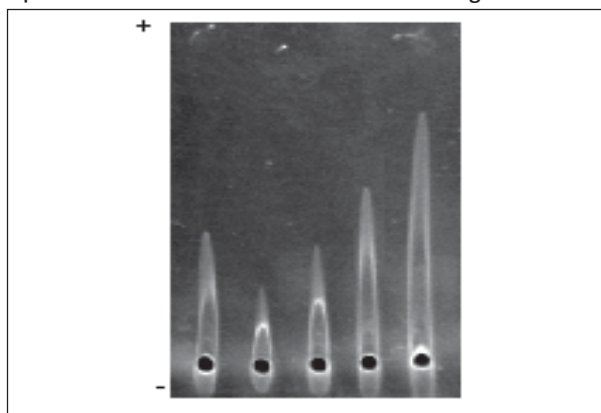
Ordering Information:

Product	Size	Cat #
GeNei™ IEP Teaching Kit (Consumables for 5 experiments & Elpho Kit (Cat # 107073))	1 Pack	106126
GeNei™ IEP Teaching Kit (Consumables for 5 experiments)	1 Pack	106127
GeNei™ IEP Teaching Kit (Consumables for 10 experiments)	1 Pack	106128

GeNei™ Rocket Immuno- electrophoresis (RIEP) Teaching Kit

Rocket immuno electrophoresis is a variant of immuno electrophoresis technique in line with radial immunodiffusion technique. In this technique antigen-antibody precipitate formed in the gel appears in the shape of a rocket. The rocket height gives a measure of antigen concentration.

A typical pattern of rockets in the RIEP gel under optimum conditions is shown in the figure below.



The kit contents are sufficient for 5/20 experiments.

Materials Provided:

- Agarose
- Electrophoresis Buffer
- Antiserum
- Standard Antigens
- Test antigen
- Instruction Manual

Elpho Kit (Cat # 107073)

Specially designed mini size immuno electrophoresis apparatus and power supply unit (50 V/100 V) which can be ordered separately.

Ordering Information:

Product	Size	Cat #
GeNei™ RIEP Teaching Kit (Consumables for 5 experiments & Elpho Kit (Cat # 107073))	1 Pack	106194
GeNei™ RIEP Teaching Kit (Consumables for 5 experiments)	1 Pack	106195
GeNei™ RIEP Teaching Kit (Consumables for 20 experiments)	1 Pack	106196