

## Immunodiffusion Techniques

### GeNei™ Ouchterlony Double Diffusion (ODD) Teaching Kit (For Antigen Antibody Patterns)

This kit demonstrates the method by which the degree of similarity of the antigens can be assessed. In this test, different antigenic preparations, each containing single antigenic species, are allowed to diffuse from separate wells against the antiserum. Depending on the degree of similarity between the antigens, different geometrical patterns are produced between the antigens and antiserum wells. By observing the patterns produced, the similarity between the antigens is assessed.



The kit provides materials sufficient for 15 experiments.

**Materials Provided:**

- Agarose
- Assay Buffer
- Antisera
- Test Antigens
- Glass Plates
- Gel Punch
- Template
- Instruction Manual

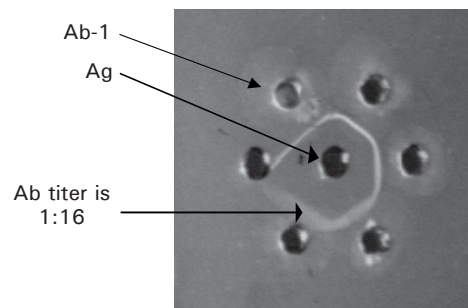
**Ordering Information:**

Product	Size	Cat #
<b>GeNei™</b> ODD Teaching Kit (For Antigen Antibody Patterns) (Consumables for 15 experiments)	1 Pack	106208

### GeNei™ Ouchterlony Double Diffusion (ODD) Teaching Kit (For Antibody Titration)

The kit demonstrates the widely used screening test in antibody production, named after its inventor Ouchterlony. The ODD test is based on the formation of antigen-antibody precipitin line in agar gel. The test is useful in screening antigen and antibody.

A typical antibody titration observed using the kit is shown in the figure below. Antibody dilutions tested are 1-1:32 placed in the wells in clock wise direction from Ab-1 well. The intensity of precipitin line decreases with the increase in antibody dilution.



The kit provides materials sufficient for 15 experiments.

**Materials Provided:**

- Agarose
- Assay Buffer
- Antigen
- Test Antiserum
- Glass Plates
- Gel Punch
- Template
- Instruction Manual

**Ordering Information:**

Product	Size	Cat #
<b>GeNei™</b> ODD Teaching Kit (For Antibody Titration) (Consumables for 15 experiments)	1 Pack	106092

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