

**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.

MATERIALS PROVIDED:

- Agarose
- Assay Buffer
- Antisera
- Test Antigens
- Glass slide
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 2/A	Ouchterlony Double Diffusion (ODD) Teaching Kit For Antigen Antibody Patterns	10	1600.00

**OUCHTERLONY DOUBLE DIFFUSION (ODD) TEACHING KIT
FOR ANTIBODY TITRATIONS**

This 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 is observed using this kit. Antibody dilutions tested are 1-1:32 placed in the wells in clockwise direction from Ab-1 well. The intensity of precipitin line decreases with the increases in antibody dilution.

MATERIALS PROVIDED:

- Agarose
- Assay Buffer
- Antisera
- Test Antigens
- Glass slides
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp))	Price (Rs)
ISS 1	Ouchterlony Double Diffusion (ODD) Teaching Kit For Antigen Antibody Titration	10	1100.00

RADIAL IMMUNO DIFFUSION (RID) TEACHING KIT

RID teaching kit is based on the formation of antigen-antibody precipitation ring around the well in agarose gel. This test is used for estimating antigen or antibody concentrations in the given samples.

MATERIALS PROVIDED:

- Agarose
- Assay Buffer
- Antiserum
- Standard Antigens
- Test Antigens
- Glass slide
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 3	Radial Immuno Diffusion (RID) Teaching Kit	10	1100.00

COUNTER CURRENT IMMUNOELECTROPHORESIS (CIE) TEACHING KIT

The technique exploits the fact that during electrophoresis, antibodies tend to migrate towards cathode while most antigenic proteins proceed towards anode. As a result, antigen and antibodies cross each other to form a precipitin line in a matter of few minutes.

MATERIALS PROVIDED:

- Agarose
- Electrophoresis Buffer
- Antigens
- Positive control
- Negative control
- Glass slides
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 6/A	Counter Current Immunoelectrophoresis (CIE) Teaching Kit	10	1500.00
ISS 6/C	Counter Current Immunoelectrophoresis (CIE) Teaching Kit With Immuno electrophoresis and mini power pack	10	5250.00

IMMUNOELECTROPHORESIS (IEP) TEACHING KIT

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

MATERIALS PROVIDED:

- Agarose
- Electrophoresis Buffer
- Antigens
- Antibodies
- Glass slides
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 4/A	Immunoelectrophoresis (IEP) Teaching Kit	5	2200.00
ISS 4/C	Immunoelectrophoresis (IEP) Teaching Kit With Immuno electrophoresis and mini power pack	5	5950.00

ROCKET IMMUNOELECTROPHORESIS (RIE) TEACHING KIT

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

MATERIALS PROVIDED:

- Agarose
- Electrophoresis Buffer
- Standard Antigens
- Antiserum
- Test Antigen
- Glass slide
- Gel punch
- Template
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 5/A	Rocket Immunoelectrophoresis (RIE) Teaching Kit	10	2600.00
ISS 5/A	Rocket Immunoelectrophoresis (RIE) Teaching Kit With Immuno electrophoresis and mini power pack	10	6350.00

LATEX AGGLUTINATION TEST TEACHING KIT

This kit demonstrates the detection of antigen or antibody by using specific antigen or antibody coated latex beads.

MATERIALS PROVIDED:

- Antigen
- Latex beads
- PBS
- Glass slide
- Plastic Sticks
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
LT 51	Latex Agglutination Test Teaching Kit	10	2000.00

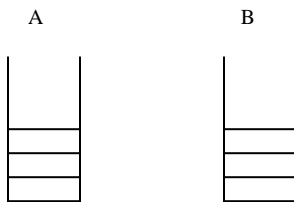
DOT ELISA TEACHING KIT

Dot ELISA kit enables the demonstration of direct sandwich assay for an antigen. The test is developed using two antibodies to an antigen. One of the antibodies is immobilized on a strip and the other linked with an enzyme. The assay result is interpreted by viewing the color developed at the final step.

A typical result seen using the kit is as follows;

- a- Sample containing the antigen
- b- Sample without the antigen

Appearance of results:



MATERIALS PROVIDED:

- Assay Buffer
- Dot ELISA Strip
- Antibody-HRP Conjugate
- TMB/H₂O₂
- Test serum sample
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
ISS 7	Dot ELISA Teaching Kit	10	1300.00

ANTIBODY CAPTURE ELISA TEACHING KIT

The initial step involves the coating of polystyrene wells with antigen by passive absorption. Test antiserum is added and allowed to incubate. If the antibodies in the serum are homologous, they will bind to the antigen. Enzyme conjugate are added to the system that will link to the antibody-antigen complexes. The color change indicates the presence of the specific antibody.

MATERIALS PROVIDED:

- Antigen
- Antibody
- Samples
- Coating buffer
- Washing buffer
- Enzyme conjugate
- Substrate
- Substrate buffer
- H₂O₂
- Phosphate Buffer Saline
- Saline
- ELISA strips
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price(Rs)
LT 52	Antibody Capture ELISA Test Teaching Kit	5	2500.00

ANTIGEN CAPTURE ELISA TEACHING KIT

The kit demonstrates the coating of polystyrene wells with antibody. Test antigen is added and allowed to incubate. If the antigen is specific, they will bind to the coated antibody. Enzyme conjugate are added to the system that will link to the antibody-antigen complexes. The color change indicates the presence of the specific antigen.

MATERIALS PROVIDED:

- Antibody
- Antigen
- Samples
- Coating buffer
- Washing buffer
- Enzyme conjugate
- Substrate
- Substrate buffer
- H₂O₂
- Phosphate Buffer Saline
- Saline
- ELISA strips
- Instruction Manual

Ordering Information:

Cat #	Product	Size (Exp)	Price (Rs)
LT 53	Antigen Capture ELISA Test Teaching Kit	5	2500.00
