The Power of
Quantitative Immunoelectrophoresis

Let Bio-Rad put it to work for you.

If you’re interested in identifying and measuring antigenic proteins or antibodies, take advantage of the power of Quantitative Immunoelectrophoresis. The many variations of this technique can offer you improved resolution, easier interpretation, simplified quantitation and faster results than other analytical methods.

Whether you’re documenting a separation procedure, measuring the concentration of a single antigen or comparing complete mixtures of antigens or antisera, one of the variations of Quantitative Immunoelectrophoresis will be perfect for you. Whatever the application of technique—from Laurell Rockets to Cross Immunoelectrophoresis—Bio-Rad has the chemicals, antibodies and equipment for them all.

The Tools
Available from Bio-Rad

1. Chemicals. In addition to stains and barbital buffer systems, there is Bio-Rad’s electrophoresis purity agarose—the agarose with the high gel strength and the low electroendosmotic properties demanded by Quantitative Immunoelectrophoresis.

2. Antibodies. Unexcelled in purity and titer, all of Bio-Rad’s 25 available antibodies are monospecific immunoglobulin fractions of antisera.

3. Equipment. You’ll need a large capacity cell and a constant voltage power supply plus Bio-Rad’s equipment for gel casting and sample well forming. All of Bio-Rad’s equipment for Quantitative Immunoelectrophoresis has been designed specifically for that technique.

The Literature
Available from Bio-Rad

Let Bio-Rad put the power of Quantitative Immunoelectrophoresis to work for you. An illustrated 16-page summary of theory and techniques, including descriptions and prices of Bio-Rad’s chemicals, antibodies, and equipment, is available in Bulletin 1035.

Crossed Immunoelectrophoresis improves resolution dramatically by substituting electrophoresis for diffusion to combine normal human serum and rabbit anti-human whole serum protein.

BIO-RAD Laboratories
32nd & Griffin Avenue/Richmond, CA 94804
Phone (415) 234-4130
Also in: Rockville Centre, N.Y.; Mississauga, Ontario; London; Milan; Munich; Sao Paulo.

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You center annuli only once with the AO PHASESTAR® microscope.

Once you align each of the four annuli to its corresponding objective, you can rotate the microscope's turret to any objective without doing it again—a great timesaving convenience you'll really appreciate when working with living material.

The AO PHASESTAR microscope lets you view transparent unstained specimens with remarkable contrast and sharp definition of detail. And if you want to examine stained specimens under normal brightfield, all you need do is turn the substage turret.

The microscope accepts any combination of phase or non-phase objectives without disrupting parfocality. And, of course, it's adaptable to a variety of alternate parts or accessories. Illumination can be 20-watt tungsten halogen with the Series 10 or 100-watt tungsten halogen with the Series 20.

Ask your AO dealer representative for a demonstration of the AO PHASESTAR microscope. Or write for a brochure to American Optical, Scientific Instrument Division, Buffalo, NY 14215.

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