

Microseed with an Oryx... for more hits and better protein crystals

Douglas Instruments would be very happy to demonstrate the Oryx in your lab. Contact hilary@douglas.co.uk to arrange a visit.



Douglas Instruments

Douglas Instruments
Success in Protein Crystallization

We have 22 years of experience in designing automated nanolitre protein crystallization systems. Our Oryx offers you several advantages:

- Contact dispensing allows automatic 'MMS' microseeding
- Only 9.8 µl of protein to set up a 96-well plate!
- 2-D grid designs for simple optimization
- Large range of drop sizes - from 100+100nl to 2+2 µl

For more information about our products, visit www.douglas.co.uk



X8 PROTEUM

• Your Personal Beamline

- High-throughput screening and superb high-resolution data in an uncompromising package
- High brightness rotating anode generator with advanced third generation HELIOS MX optics
- PLATINUM¹³⁵ CCD detector with large dynamic range and high sensitivity for high-quality data
- KAPPA goniometer for easy sample handling and SAD-phasing
- Powerful, easy-to-use PROTEUM2 software

www.bruker-axs.com

think forward

Crystallography

® TRIANA CAPILLARY COUNTERDIFFUSION KITS

Most soluble proteins can be crystallized with PEG and/or ammonium sulfate. Do you want to know if yours is one of them?

Answers the question with 1.5 µl of protein solution and the New Triana Capillary Counterdiffusion Kits [CCD]

The alternative way to approach protein crystallization

- Only 300 nanoliters per capillary
- Simple and fast to implement. No robots required. Actually no tools are required.
- "In capillary" X-ray diffraction (either room or cryocrystallography without crystal handling)
- Easy transportation to synchrotron facilities.
- "In situ" observation of crystallization trend: No storage of pictures required.
- Kits are reusable with several proteins, mutants, protein/ligands, etc..

With CCD screening kits your team will learn about protein crystallization behavior to face other protein crystallization problems in the future.



www.trianatech.com

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