

NEWS RELEASE - FOR IMMEDIATE RELEASE**Date: 02.10.06****IMAGE ATTACHED****-COPY STARTS-*****New Application of CCD-based Image Analyser Offers Accurate Detection of Proteins Stained with Flamingo Fluorescent Dye***

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, is delighted to announce Dyversity, its innovative multi-functional imager, can now accurately and rapidly detect protein stained with Flamingo™, the newer protein dye from Bio-Rad, making Dyversity a cost-effective alternative to laser scanning.

Syngene's technical team used Dyversity, which consists of a light tight darkroom containing a 16-bit CCD camera fitted with a Cy dye lighting module, dual wavelength transilluminator, UV, long pass and Cy3 dye emission filters, to image 1D acrylamide gels. These gels, containing 1000-0.1ng of molecular weight standard PeppermintStick™ (Invitrogen) stained with Flamingo, were imaged under three different conditions: Cy2 excitation with Cy3 emission filter; Cy2 excitation with UV emission filter and medium-wave UV excitation with a short pass emission filter.

Syngene's technical experts saw Dyversity could image 5ng of Flamingo stained protein in 2 seconds using medium-wave UV excitation and short pass emission filter. However, using Cy2 illumination with the Cy3 or UV emission filter, Dyversity was 10 times more sensitive, detecting as little as 0.5 ng of protein in the same time.

Dyversity can quickly image such minute amounts of Flamingo stained protein because its high quality camera has the fastest capture times per channel for fluorescent and visible dyes of any current CCD based system. Dyversity's darkroom also has a large door opening to accommodate a range of gel sizes and users can easily add new filters and lighting as they need to, making this the most versatile image analyser available.

Laura Sullivan, Syngene's Divisional Manager commented: "We are pleased Dyversity can image one of the newer protein dyes with such speed and sensitivity. This unrivalled performance coupled with the flexibility to upgrade the system as different protein dyes are commercially launched, means Dyversity offers an affordable and precise alternative to laser-based scanners for generating perfect images of 1D or 2D protein gels."

-Ends-BEACON HOUSE
NUFFIELD ROAD
CAMBRIDGE
CB4 1TF

TEL: +44 (0)1223 727123

FAX: +44 (0)1223 727101

e-mail: info@syngene.comwww.syngene.com**News Release**

For Further Information Contact:

Jayne Arthur, Syngene, Beacon House, Nuffield Road, Cambridge, CB4 1TF, UK.
Tel: +44(0) 1223-727123 Fax +44 (0) 1223-727101
Email: jayne.arthur@syngene.com Web site: www.2dymension.com

Editor Contact:

Dr Sue Pearson, PO Box 170, Hitchin, Hertfordshire SG5 3GD, UK.
Tel/Fax + 44(0) 1462-635327 Email: sue6.pearson@ntlworld.com

Note to Editors**About Syngene**

Syngene is a world-leading supplier of integrated imaging solutions for analysis and documentation of gel-based information. Syngene's systems are used by more than 10,000 research organisations and over 50,000 individual scientists world-wide and include many of the world's top pharmaceutical companies and major research institutes.

Syngene, founded in 1997 is a division of the Cambridge based Synoptics Group. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs more than 50 people in its UK and subsidiary operation in Frederick, USA.