

NEWS RELEASE - FOR IMMEDIATE RELEASE**Date: 15.05.14****Image Attached****-Copy Starts-****Karolinska Institutet Utilises G:BOX Chemi XX6 in DNA Vaccine Research To Make Quantifying IR Fluorescent Viral Antigens Faster and More Accurate**

Cambridge, UK: Syngene, a world-leading manufacturer of image analysis solutions, today announced its new G:BOX Chemi XX6 is being used by scientists at the Karolinska Institutet for multiplex imaging of IR fluorescent viral proteins on Western blots. This is contributing to rapidly providing researchers there with accurate information on the efficacy of hepatitis B and hepatitis C DNA vaccines.

Researchers in the Department of Laboratory Medicine at the Karolinska Institutet in Sweden are using a G:BOX Chemi XX6 multi-application imager to analyse viral antigens on multiplex Infrared (IR) fluorescent Western blots. Since IR fluorescence is directly proportional to the amount of antigens present on Western blots, this is allowing scientists there to accurately quantify the amount of viral antigen being expressed, and is helping them to determine the efficacy of different types of hepatitis B and C DNA vaccines to be tested in *in-vivo* mouse models.

Laura Sullivan, Syngene's Divisional Manager, commented: "We are delighted that our new imaging technology is helping researchers at the Karolinska to speed up quantification of viral antigens in this vital research. Scientists wanting an accurate method of analysing multiplex IR fluorescence proteins on Western blots should join this well-respected medical university and consider trialling a G:BOX Chemi XX6 imaging system in their laboratory."

-Ends-**For Further Information Contact:**

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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 Synoptics Group of the AIM listed Scientific Digital Imaging Company based in Cambridge, UK. The Group's other divisions, Syncroscopy and Synbiosis, specialise in digital imaging solutions for microscopy and microbial applications respectively. Synoptics currently employs 40 people in its UK and subsidiary operation in Frederick, USA.