



OGT launches new ISCA-endorsed CytoSure™ aCGH arrays for detecting disease and syndrome-related aberrations

Designed in collaboration with the International Standard Cytogenomic Array (ISCA) Consortium to provide standardised aCGH arrays

Oxford, UK – 02 February 2010. Oxford Gene Technology (OGT), the pioneer of microarray-based technologies, has introduced three new CytoSure™ ISCA aCGH arrays to meet all resolution, multiplexing and budget requirements. Designed in collaboration with the International Standard Cytogenomic Array (ISCA) Consortium, the 8 x 60k, 4 x 180k and 4 x 44k CytoSure ISCA formats, provide powerful arrays focusing on disease and syndrome-associated genome regions, in addition to offering whole genome coverage. Using a proprietary 60-mer probe design and multiple rounds of optimisation, the CytoSure ISCA aCGH arrays ensure exceptional reliability and confident detection of genetic aberrations with high signal-to-noise ratios. These features have ensured that the CytoSure ISCA arrays are already used at a number of key facilities, including the Wessex Regional Genetics Laboratory, Salisbury UK where they were evaluated as part of an ongoing multi-platform aCGH comparison being carried out by the National Genetics Reference Laboratory (Wessex).

Each CytoSure array is accompanied with the user-centric CytoSure Interpret analysis software. This powerful and easy-to-use tool ensures effortless translation of data into meaningful results. Intuitive features include the “Accelerate” workflow, for customisable automation of routine data analysis, and full integration with existing data and publicly available cytogenetics databases including the Database of Genomic Variants (DGV, Canada) and DECIPHER (Sanger Institute, UK). “OGT has a strong and ongoing commitment to providing cytogeneticists with exceptional tools for accurate and reliable aberration detection” stated James Clough, OGT’s Vice President Clinical and Genomic Solutions, “The development of our CytoSure ISCA arrays, in combination with our advanced CytoSure Interpret analysis software, is a clear example of this. We are delighted by the level of interest our CytoSure ISCA arrays are generating within the ISCA consortium around the world”.

In addition to CytoSure ISCA arrays and Interpret software, the CytoSure aCGH product line includes a range of high quality arrays covering single disorders through to entire syndrome spreads, as well as SciGene automation instrumentation (now distributed in Europe by OGT). As a result, OGT’s comprehensive products and services are the ideal solution for running oligo aCGH in the laboratory.



For further information on OGT products and services please visit <http://www.ogt.co.uk>.

For further information, please contact:

Oxford Gene Technology, Begbroke Science Park,

Sandy Lane, Yarnton, Oxford OX5 1PF

T: +44 (0) 1865 856826 ; F: +44 (0) 1865 848684 ; E: products@ogt.co.uk

W: www.ogt.co.uk

Notes for editors:

About Oxford Gene Technology

Founded in 1995 by Professor Ed Southern, OGT has a proven pedigree in microarray technology and services. Our mission is to advance molecular medicine through pioneering discovery and application of molecular technologies. OGT's key focus areas are: high throughput genomic services and biomarker discovery, cytogenetics, single cell analysis, and licensing.

OGT's genomic services (Genefficiency™) offer a unique combination of industry leading platforms, expert people and unparalleled sample processing power to rapidly deliver high quality genomic data to customers worldwide.

OGT's products and services for cytogenetics (CytoSure™) include a range of high resolution oligonucleotide arrays, labelling kits and interpretation software that together provide a complete solution for the detection of chromosomal abnormalities.

Together, Genefficiency™ and CytoSure™ offer a unique, standardised™ and integrated solution for disease and cytogenetics research.

For research use only

This product is provided under an agreement between Agilent Technologies, Inc. and OGT. The manufacture, use, sale or import of this product may be subject to one or more of U.S. patents, pending applications, and corresponding international equivalents, owned by Agilent Technologies, Inc. The purchaser has the non-transferable right to use and consume the product for RESEARCH USE ONLY AND NOT for DIAGNOSTICS PROCEDURES. It is not intended for use, and should not be used, for the diagnosis, prevention, monitoring, treatment or alleviation of any disease or condition, or for the investigation of any physiological process, in any identifiable human, or for any other medical purpose.

For further information on OGT products and services please visit <http://www.ogt.co.uk>

About the ISCA Consortium:

The ISCA consortium is a group of clinical cytogenetics laboratories who are committed to improving quality of patient care related to clinical genetic testing. Through establishing clear aCGH guidelines, disease diagnosis can become more consistent and accurate across multiple testing centres.

