



Data from Evaluation of Signature® LTx Leukemia Test to be presented at upcoming Planet XMAP

Austin, Texas – Date: September 27, 2011 – Asuragen, Inc. announced today that data from a study evaluating its Signature® LTx v2.0 Kit, a CE-marked IVD test for the multiplex detection of fusion transcripts associated with ALL, AML and CML leukemia, will be presented at the upcoming Planet XMAP Europe being held September 28 – 29, 2011 in Vienna, Austria. Joanne Mason, Clinical Scientist at West Midlands Regional Genetics Laboratory, Birmingham, UK will present the results from their evaluation of Asuragen’s test and comparison of its performance to standard cytogenetic methods and other molecular methods.

The modern management of leukemia patients is based on the analysis of multiple recurring chromosomal abnormalities. At the molecular level, the chromosomal breakpoints can vary over a wide region within the genes involved and it is often necessary to identify the specific fusion sub-types expressed by leukemic cells. The Signature® LTx v2.0 CE IVD Kit (Leukemia Translocation Panel) is a qualitative in vitro diagnostic device for use in a clinical laboratory to identify specific fusion transcripts in total RNA from whole blood or bone marrow to aid in the clinical diagnosis of translocation positive leukemias. The assay is a multiplex reverse transcription PCR (RT-PCR) amplification, followed by multiplex amplicon detection on the Luminex® 100™ IS or 200™ system. “The test showed excellent diagnostic sensitivity and specificity and was compatible with representative archived RNA samples from CML, ALL and AML patients” commented Joanne Mason. “We found that the multiplex test format and rapid time to results were very compatible with our laboratory workflow and can complement standard cytogenetic methods” added Professor Mike Griffiths, Consultant Clinical Scientist and Director of the West Midlands Regional Genetics Laboratory.

The Signature LTx v2.0 CE IVD Kit is available through Asuragen’s network of [International Distributors](#).

About Asuragen

Asuragen is a fully integrated diagnostic development company and pharmaceutical services provider. The Company’s diagnostic product portfolio consists of the first-ever validated microRNA diagnostic assay for pancreatic cancer, quantitative RNA tests for leukemia gene translocations, innovative genetic testing solutions for the fragile X mental retardation (FMR1) gene, Signature® Oncology products for the qualitative detection of gene translocations and mutations in a variety of hematological and solid tumors, RNA stabilization technologies, and industry-leading controls and standards engineered using its patented Armored RNA® technology. Asuragen is empowered with a high level of scientific expertise and assay development capabilities, CLIA and GLP testing services, and an established cGMP manufacturing facility, which allow it to span the spectrum of discovery, testing, production and commercialization. For more information, visit www.asuragen.com.

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