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Name of Listed Company: Precision System Science Co., Ltd.

(Code Number 7707)

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Development of the Sample Preparation System for DNA Microarrays and a Reagent Supply Contract with Amersham Biosciences K.K.

Precision System Science Co., Ltd. (PSS) has developed certain sample preparation system "Magtration System 12XP (tentative name)" for DNA microarray using Magtration Technology that has been the core technology of PSS.

The DNA microarray is a typical technology used for the gene expression analysis.

It requires a complex pretreatment such as (1) RNA extraction and purification from a sample, (2) cDNA reverse transcription and cleanup, (3) cRNA synthesis and cleanup. Usually, it would take about three days for a skilled researcher if it is done manually. Therefore, there were a lot of differences in data due to human mistakes and researcher's skills, which prevented DNA microarray from being widely used by many researchers.

Our system is automating pretreatment of samples required for DNA microarray analysis. PSS expects that it not only offers efficiency and convenience to numerous researchers who will use DNA microarray but it also leads to clinical use of DNA microarray in the future.



[Magtration System 12XP]

Amersham Biosciences K. K. agreed with PSS that it would provide PSS with CodeLink Expression Assay Kit for resale in the Japanese market. As a result, PSS is planning to sell CodeLink Expression Assay Kits with the RNA

extraction/ purification reagents in pre-filled cartridges together with Magtration System 12XP. Moreover, PSS is planning to develop applications for various DNA microarrays and offer Magtration System 12XP as an open platform for DNA microarray users in the world. As far as Magtration System 12XP is concerned, the β site test (external examination) will begin from this autumn, and the commercial launch is scheduled in the spring of 2006.

PSS expects that this system would be a step forward to certain automation of gene expression analysis which PSS has been aiming and that it would give a positive impact to PSS in the near future.

End.

[Reference]

***1. DNA microarray**

DNA microarray is the one that specific DNA is put on the substrate of the glass and the semiconductor, and one of the typical tools for DNA analysis that can examine how patient's gene cluster appears at a time.

DNA microarrays are expected to be a tool indispensable for genome analysis as well as for tailor-made clinical treatment where each patient can be treated according to its specific constitution.

***2. Amersham Biosciences K.K.**

The GE Healthcare group is a medical business unit of General Electric Company (SNYSE:GE), and Amersham Bioscience KK is a Japanese corporation, belonging to Life Science Division of GE Healthcare. Amersham Biosciences K.K. supports the research in the life science field through import and export of equipments related to biotechnology and the reagents.

Amersham Biosciences K.K provides the total solution that integrates not only the equipment and the reagent but also technical assistance , application support and field services from a basic research fields of the gene, the protein, and the cell analysis, etc. to a wide area of life science that includes disease research, drug discovery and the manufacturing device of the biomedicine. The main customers are pharmaceutical enterprises, biotechnology enterprises, university, and government researchers.

- Location of offices: Sanken building, 25-1, 3-chome, Hyakunintyou, Shinjyuku-ku, Tokyo
- URL: <http://www.jp.amershambiosciences.com>

***3. CodeLink**

It is DNA microarray for gene expression analysis that GE Healthcare sells.

End.