

Reliable, fast and user-friendly – automated DNA extraction and PCR setup with the CheckExtractor

Frickenhausen, 5 May 2011 – Greiner Bio-One will be unveiling the CheckExtractor at EUROGIN 2011, a congress focusing on human papillomaviruses (HPV) and illnesses caused by HPV, such as cervical cancer. EUROGIN will take place from 8 to 11 May in Lisbon, Portugal. The CheckExtractor enables automated DNA extraction and PCR setup for products of the oCheck product line from Greiner Bio-One, such as PapilloCheck high-risk for assessing the risk of cervical cancer.

The automated CheckExtractor extracts DNA from sample material. The advantages of automated DNA extraction for routine analysis are clear-cut – the procedure is accurate, reliable and requires only minimum equipment preparation. Up to 288 samples can be processed per day.

The CheckExtractor is suitable for a wide range of sample vessels containing sensitive materials, such as swabs, blood and urine. A touchscreen enables intuitive operation. The sample vessels and reagents are scanned automatically via barcodes, making it possible to closely observe the extraction status of all samples at any time. The individual steps in the analysis process are managed and partly controlled by the Laboratory Information and Management System (LIMS).

Moreover, the CheckExtractor enables automated PCR setup. During this process, samples are prepared so they only have to be removed from the machine and placed in the Thermocycler. The CheckExtractor can be used for products of the oCheck product line, such as PapilloCheck high-risk. This DNA chip is used to determine high-risk HPV types, which can trigger cervical cancer.

Greiner Bio-One GmbH – BioScience Division

Greiner Bio-One is specialised in the development, production and distribution of plastic laboratory equipment. The company is technology partner for universities, research institutes and the diagnostic, pharmaceutical and biotechnology industries as well. With the **BioScience division**, Greiner Bio-One ranks among the leading providers of specialised products for the cultivation and analysis of cell and tissue cultures, as well as microplates for high-throughput screening, allowing industry and research most rapid and efficient drug screening. Additionally Greiner Bio-One develops innovative biochip technologies for genotyping. Under the management of Heinz Schmid, the German headquarters of the BioScience division in Frickenhausen (Baden-Württemberg) controls the whole research and development activities in the product ranges Cell Culture, High-Throughput Screening, Biochips and OEM.

Greiner Bio-One GmbH is a division of Greiner Bio-One International AG, based in Kremsmuenster (Austria). Today Greiner Bio-One International AG generates a turnover of 311.3 million Euro. It has over 1,500 employees and operates globally with 20 own subsidiaries and numerous distributors in more than 100 countries.

Further information about Greiner Bio-One can be obtained from:

Greiner Bio-One GmbH
Simone Schafstein
Maybachstrasse 2
72636 Frickenhausen
Phone: +49 (0) 7022 / 948-0
Fax: +49 (0) 7022 / 948-514
E-Mail: marketing@de.gbo.com

Zeeb Kommunikation
Anja Pätzold
Hohenheimer Strasse 58a
70184 Stuttgart
Phone: +49 (0) 711 / 60 70 719
Fax: +49 (0) 711 / 60 70 739
E-Mail: info@zeeb.info