

## White PCR microplates improve Real Time PCR sensitivity

**Frickenhausen, 6 October 2011 – Greiner Bio-One, a leading technology partner for the diagnostic and pharmaceutical industry, will be showcasing its new 96 and 384 well PCR microplates for Real Time PCR at Biotechnica 2011. The polypropylene PCR microplates, which have a high proportion of white pigment, boost the fluorescence signals. This results in improved Real Time PCR sensitivity and makes the PCR microplates far superior to transparent plates.**

With its new white 96 and 384 well PCR microplates, Greiner Bio-One GmbH is expanding its range of high-quality PCR products. The plates are ideal for use in numerous Real Time PCR systems. Black alphanumeric well coding ensures fast identification of samples in the plate. The white wells boost the fluorescence signals significantly, while disruptive background fluorescence is also reduced considerably, leading to improved homogeneity for the replicas and to reproducible results.

The two microplates have a skirt and lateral notches for grippers, thereby enabling easy automation. The 96 well microplate can be sealed with suitable cap strips or adhesive films. Adhesive films are recommended for the 384 well PCR plate. The plates are free of detectable DNase, RNase, human DNA and free of detectable endotoxins.

The resealable bags for packing the microplates allow dust- and contamination-free removal of small quantities.

**Greiner Bio-One at Biotechnica 2011, 11 - 13 October 2011, Hannover Messe (Hanover Trade Fair), Hall 9, Stand C10**

### **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:**

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