

**Frohe Weihnachten
und ein Gutes Neues Jahr**

**Buon Natale
e Felice Anno Nuovo**


**Feliz Navidad
y Próspero Año Nuevo**

**God Jul
och Gott Nytt År**

**Joyeux Noël
et Bonne Année**

**Merry Christmas
and a Happy New Year**

**Vrolijke Feestdagen
en een Gelukkig Nieuwjaar**



New Exclusive Sales of Rhône-Diagnostics Product Line

In September 2001 R-Biopharm took over 90 % of the shares of the Scottish firm, Rhône-Diagnostics Technologies Ltd. (RIDA News IV/01). Particularly well known among the products of our subsidiary (which now bears the name **R-Biopharm Rhône Ltd.**) are the immunoaffinity columns, as well as ELISAs and quick tests for mycotoxin detection. These products have already

been successfully used for many years under trade names such as OCHRAPREP®, AFLAPREP®, AFLASCAN®, AFLACARD® und EASI-EXTRACT™. Up to now sales of these test systems have been organized in Germany by the firm Coring System Diagnostix GmbH. As from January 2003 R-Biopharm will itself take over exclusive sales of these products in Germany.

About Our Products

DONPREP™ - New immune-affinity columns for DON (Deoxynivalenol)

In order to meet growing demands from the food and animal food industry for a reliable DON analytical method, R-Biopharm Rhône Ltd. has developed the **DONPREP™** immunoaffinity column.

This column is suitable for the detection of DON in cereals and cereal products, in baby and infant food, as well as in animal food – with subsequent HPLC detection. A suitable suggestion for a HPLC method is given in the product information leaflet for the **DONPREP™** columns. In this method the detection limit is 1.5 ng and the limit of quantification 4.5 ng DON.

Sample preparation using the **DONPREP™** column takes less than 20 minutes. Distilled water is used as the extraction solvent.

As specified in EU and FDA directives, DON detection is possible in the range of 100 µg/kg to 10,000 µg/kg. This corresponds to a column capacity of 2.5 µg toxin.

Specific purification of the sample is achieved through use of a monoclonal antibody. This results in high recovery rates of 80 - 90 % and HPLC easily interpretable chromatograms.

Through the larger column size flow properties are improved and blocking of the column prevented.

DONPREP™ has been successfully tested by various European laboratories, and is now available from R-Biopharm AG, Darmstadt.

For further information please contact your local distributor.





Improved detection of beer spoilage bacteria with the GEN-IAL® First-Beer Magnetic Kit

Introduction of unknown harmful microorganisms, e.g. *Lactobacillus perolens*, *Lactobacillus collinoides*, during beer bottling in external plants is becoming more and more frequent. Using traditional microbiological methods detection requires 3 - 7 days, particularly in the lower contamination range. By this time, however, the bottled drinks are already on the way to the consumer.

The GEN-IAL® First-Beer Magnetic Kit now offers a real alternative to traditional detection methods. This test gives quick, reliable results within 3 hours, based on the real-time PCR method. All relevant and newly occurring harmful microorganisms in beer and beverages

can be detected. Preliminary concentration of the samples is not necessary, and the analysis can be carried out immediately after sampling.

Furthermore, detection systems for yeasts, which are harmful to beer – e.g. *Saccharomyces diastaticus*, are now also available. Thus the range of applications for the PCR method is extended by a further parameter. Individual solutions for special problems can also be supplied on request.

Please request more detailed information from Frau Brettschneider by phone: +49 61 51 81 02-90 or use E-mail to: info@r-biopharm.de

RIDASCREEN® Zearalenon

The RIDASCREEN® Zearalenon Test has been considerably improved with respect to sample preparation. The preparation method for cereals and feed has been converted to a simple, quick methanol/water extraction. Through the dilution factor of 35 resulting from this preparation method, the detection limit for cereals and feed is now no longer 1250 ppt, but 1750 ppt.

Preparation of beer samples has also been considerably simplified, so that now only degassing of the beer sample and subsequent dilution has to be carried out. The detection limit is still 250 ppt as previously, since the dilution factor has not been changed.

The sample preparation methods have been compared with previous methods in our application laboratory and the data ascertained showed no relevant deviations.

The revised leaflet from 02-11-04 (DIN A6 format) with the updated information concerning sample preparation is available on request from your local distributor.

For more information please also contact your local distributor.

RIDASCREEN® Dexamethason

The RIDASCREEN® Dexamethason Test is for the moment not available. We will

decide as soon as possible, whether the product will be produced again.

New supplementary sample preparation methods

In recent months several new sample preparation methods have been developed in our application laboratory, which are not included in our product information leaflets. Supplementary to our table in RIDA News II/02 we are listing these supplements below for your information.



Ochratoxin A:

- Cereals (simplified method)

DES:

- Serum/plasma

Acetylgestagenes (MPA):

- in Feed

Acetylgestagenes (MPA):

- in Syrup

QUICK Gliadin:

- Swab procedure

Are you interested? If so, please contact your local distributor.

About Ourselves

New employees

As from 1.10.02 Mr. Dirk Eickmeyer is our sales representative in Germany. His focus will be the introduction of the product line of **R-Biopharm Rhône Ltd.** to our customers in Germany. Following an intensive training phase in Darmstadt and Glasgow, he already has introduced himself personally to the first customers.



The next RIDA News will be published during the I. quarter 2003

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