



R-Biopharm AG builds new company headquarters in Pfungstadt

The foundation stone for the new R-Biopharm AG headquarters in Pfungstadt, around 10 km south of Darmstadt, was laid on 1st April 2008. On 1st August 2008 R-Biopharm celebrated their 'topping out' ceremony, the time when the roof is added to the building. Completion is scheduled for the first quarter of 2009; therefore we anticipate that the move should take place in spring of 2009.

The current site at Landwehrstrasse 54 is 6000 square meters, houses 180 staff and comprises of offices, labs, production, quality assurance and warehouse facilities. Recently, due to restricted space some of

the labs had to be re-housed in previous company premises in Dolivostrasse.

R-Biopharm is investing 22 million Euro into its new company headquarters to increase the total area of the company to 14000 square meters, which will house all departments under one roof. The new premises are located on an industrial site in Pfungstadt between the Major-Karl-Plagge barracks and the B426 and will have the capacity for up to 350 staff.

Acquisition of sales for Scil Diagnostics products

Scil Diagnostics GmbH and R-Biopharm AG have been leading firms in the enzymatic food analysis market for years. Both companies stand out with their first-rate product portfolio, reliability, service and expertise.



Scil Diagnostics GmbH

To further develop these strengths, from the 4th August 2008 R-Biopharm AG will manage order-taking and worldwide shipment for

Scil products. Now you can purchase the leading product groups in enzymatic food

analysis from one supplier, thus managing your day-to-day business even more efficiently. Technical information, such as product descriptions and safety datasheets can be found on the SCIL homepage, www.scildiagnosics.com.

Alternatively, for further details and information or to place an order please contact your local distributor who will be happy to help you. We will do everything we can to process your order to your satisfaction, however we request your patience during this transitional phase.

Our products

Modification regarding reagents provided for RIDASCREEN® Gliadin (R7001)

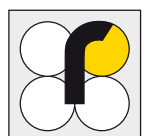
We would like to bring your attention to the fact that new batches of RIDASCREEN® Gliadin (01258), will no longer contain the cocktail solution in the kit. The cocktail solution can now be obtained separately under Art. No. R7006. The price of RIDASCREEN® Gliadin kit will be reduced accordingly to reflect this change.

As an alternative to the cocktail solution, we now also offer the newly developed

RIDA® Extraction Solution (R7099). The RIDA® Extraction Solution works on the same chemical principle as the cocktail solution and produces comparable results.

By removing the cocktail solution, this gives you the option of choosing for yourself, which extraction solution you wish to work with.

You can continue to use the validated cocktail method by ordering the original cocktail solution in conjunction with the



RIDASCREEN® Gliadin test and when purchased together the total price of the two components will remain as before. The price for the new RIDA® Extraction Solution (R7099) is cheaper than the original cocktail solution and therefore offers users

a price advantage. Data comparing RIDASCREEN® Gliadin with the new RIDA® Extraction Solution versus the original cocktail solution is available from R-Biopharm. For further information, please contact your local distributor.

RIDASCREEN® Chinolone (R3113)



New!

For many years now, R-Biopharm has been one of the leading providers of enzyme immunoassays for quantitative detection of antibiotics in foods. This product line includes the RIDASCREEN®

Chloramphenicol, Nitrofurantoin, Tetracycline, Streptomycin, Sulfamethoxazole and Enrofloxacin tests.

In response to the widespread use of chinolones (especially florfenicol) in antibacterial therapy in beef, pork, poultry and aquacultures, R-Biopharm has developed a new antibiotic test, RIDASCREEN® Chinolone. This will allow the user to check the EU-wide applicable MRLs (Maximum Residue Limits) within a short time.

This test system can now detect a total of 10 different chinolones: ciprofloxacin, norfloxacin, enrofloxacin, marbofloxacin, danofloxacin, difloxacin, flumequin, ofloxacin, sarafloxacin und oxolinic acid.

RIDASCREEN® Chinolone is a competitive enzyme immunoassay for quantitative determination of chinolones in the following previously validated matrices:

- Egg
- Meat (beef, pork, sheep, chicken and turkey)
- Fish
- Shrimps

Further adaptations for honey and milk samples are presently in development. The methods currently available for sample preparation can be performed easily and quickly within 30 minutes. In addition, the test results are available after 1 h 15 min. Further important specifications are presented in the following table.

Specifications RIDASCREEN® Chinolone	
Art. No.	R3113
Test format	Mikrotiterplatten mit 96 Kavitäten
Standard range	0.5 – 18 ppb
Detection limit	Egg: 2 ppb
	Shrimps: 2.5 ppb
	Meat/Fish: 5 ppb
Specificity	Ciprofloxacin 100 %
	Norfloxacin, enrofloxacin, marbofloxacin, danofloxacin, difloxacin, flumequin, ofloxacin >100 %
	Sarafloxacin 43 %
	Oxolinic acid 24 %
	Recovery rate 80 – 110 %

RIDASCREEN® Salmonella (R4201) receives EN/ISO 16140 validation certificate



The RIDASCREEN® Salmonella ELISA test system was validated by the European validation authority AFNOR according to the EN/ISO 16140 standard in spring 2008 and received the corresponding certificate in July.

The test detects one salmonella in 25 g food, feedstuff or environmental sample following enrichment in peptone water. It detects both mobile and immobile salmonellas. The total test time is less than 23 h!

After 16 h incubation, the pre-enriched solution is placed directly in the test

system's microtiter plate. Salmonella is bound to the plate with antibodies and the immobilized bacteria are reproduced in the nutrient solution included in the test. The salmonella are then detected by an immunological reaction on the plate and results can be interpreted visually or with an ELISA reader.

RIDASCREEN® Salmonella can be performed manually or with an automated system. R-Biopharm would be pleased to assist in the installation of the test with different automated instruments.



VitaFast® Product line: Chicken Pancreatin (P2002) is immediately available



R-Biopharm now offers Chicken Pancreatin (γ-Glutamylhydrolase) for the enzymatic treatment of food and animal feed to determine the natural folic acid content. The natural folic acid is hydrolysed with Chicken Pancreatin into folylmono-

glutamate or folyldiglutamate in the digestion process. Chicken Pancreatin is ideal for microbiological determination of folic acid in microtiter plate format (VitaFast®). It is also suitable for the determination of the natural folic acid content using other methods.

SureFood® PCR products from our partner CONGEN Biotechnologie GmbH, Berlin

SureFood® GMO Screen

More than a decade has passed since genetically modified crops first entered the world's food and feed chain. Almost every year new genetically modified organisms (GMOs) are introduced in the market. The consequence of this is an increasing complexity in the screening and detection of genetically modified organisms (GMOs). Currently the genetic elements 35S promoter, NOS terminator, FMV promoter and the BAR gene are the most used sequences in GMOs.

R-Biopharm offers a new modular system with 6 real-time PCR kits for the fast, reliable and informative GMO-Screening of food and feed.

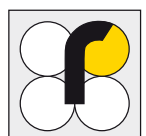
These kits are: SureFood® GMO: 35S / NOS / FMV / BAR / CaMV / Plant Plus.



GVO-Events (selection)	Detection with the SureFood® GMO Screen real-time PCR Kits			
	SureFood® GMO 35S (S2045)	SureFood® GMO NOS (S2046)	SureFood® GMO FMV (S2047)	SureFood® GMO BAR (S2048)
Soya				
A2704-12, A2704-21, A5547-35 (LibertyLink)	+	-	-	-
G94-1, G94-19, G-168 (Optimum GAT)	+	+	-	-
GTS 40-3-2 (Roundup Ready)	+	+	-	-
MON 89788 (Roundup Ready2Yield)	-	-	+	-
W 62, W 98 (LibertyLink)	+	+	-	+
Corn				
Bt11	+	+	-	-
Bt176 (176; Maximizer)	+	-	-	+
CBH-351 (StarLink)	+	+	-	+
GA 21 (Roundup Ready)	-	+	-	-
MIR604	-	+	-	-
MON 810	+	-	-	-
MON 863 (YieldGard)	+	+	-	-
NK 603 (Roundup Ready)	+	+	-	-
T25	+	-	-	-
TC1507 (Herculex)	+	-	-	-
Canola				
Falcon GS40/90 (LibertyLink)	+	-	-	-
GT200/GT73 (Roundup Ready)	-	-	+	-
PHY36	-	-	-	+
Cotton				
MON1445/1698 (Roundup Ready)	+	+	+	-
MON531/757/1076 (Bollgard)	+	+	-	-
LLCotton 25	+	-	-	+
Rice				
LL62 (LibertyLink)	+	-	-	+
LL601 (LibertyLink)	+	-	-	+
Bt63	-	+	-	-
Papaya				
55-1, 63-1 (Sunup)	+	+	-	-
Sugar Beet				
H7-1 (Roundup Ready)	-	-	+	-
Potato				
EH92-527-1	-	+	-	-

If you are interested in our products,
please contact your local distributor.

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Information from R-Biopharm Rhône, Scotland

Sampling advice from the Food Standards Agency in the UK

The FSA have recently produced an advice document on sampling, which has been designed for use in conjunction with current EU legislation. The sampling plan covers cereals, dried fruit, groundnuts, nuts, products derived from nuts, spices, coffee, fruit juice, cider, milk, wine and apple products for mycotoxins. It also provides details of how to sample according to the official regulations and provides worked examples in order to assist you in preparing your own in-house sampling procedure. The advice booklet also covers subjects such as due diligence, how to measure uncertainty and provides references for all topics. R-Biopharm Rhône have also produced a booklet summarising all current EU legislation for mycotoxins in food and feed. These items are available respectively from the FSA and R-Biopharm Rhône.

NEW: Technical Manual Available

R-Biopharm Rhône (RBR) has produced a Mycotoxin Technical Manual for use in conjunction with RBR-immunoaffinity columns. The manual is aimed at new users of immunoaffinity columns, who are using the columns in conjunction with HPLC. The manual provides information on basic elements such as spiking of samples, calibration curves, worked examples of calculations and general guidelines on how to improve recoveries and chromatograms. Copies are available on request from your local distributor.

Reference Material Available

Mycotoxin reference materials are ideal for validating methods, accreditation purposes, and training new technicians or for use as a control material during assays. R-Biopharm Rhône can offer reference material for a range of mycotoxins and commodities in re-sealable foil packs that contain 50 g of sample and a Certificate of Conformance accompanies each batch of material. The material is thoroughly homogenized and tested a minimum of 10 times by HPLC under strict QC conditions. Please contact your local distributor for a list of the materials currently available.

Contaminated Dairy Feed Products Entering Europe

Recently there have been problems with aflatoxin contaminated dairy feed from India. This has created a major problem for milk suppliers since the aflatoxin B₁ can be converted into aflatoxin M₁ and secreted into the milk. As a result several dairy companies have taken the decision not to accept feed from unregulated sources for their milk production. Milk producers should be aware of this problem as some contaminated feed is appearing in Europe.

The R-Biopharm Group can supply a range of different products for the detection of aflatoxin B₁ in feed and aflatoxin M₁ in milk and dairy products. For testing milk the RIDASCREEN® Aflatoxin M₁ 30/15 (R1111) test has been proven to be acceptable as a routine screening method while AFLAPREP® M (RBRP04) has been approved by the International Dairy Federation for quantitative analysis by HPLC.



Fairs and Conferences

12.11. – 14.11.2008

BRAU Beviiale 2008

Raw materials – Technologies – Logistics – Marketing
48th European Trade Fair for the German Beverage Industry
Nuremberg
Representative: R-Biopharm AG, Dr. Martin Mehl



The next R-Biopharm^{news} will be published during the IVth quarter 2008

R-Biopharm^{news} is edited by

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