



Always a good solution

Reagents

Controls

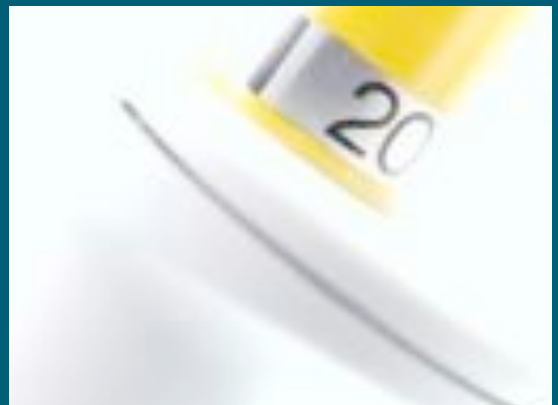
Calibrators

Hematology








Infection Diagnostic

Rapid Tests

Lab Accessoires



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GOOD REASONS FOR OUR SUCCESS

Through the active expansion of our know-how and our specialized system solutions in the area of Laboratory Diagnostics, BIOMED creates products specifically aimed to comprehensively cater for your needs. Through direct contact we establish your needs in relation to new and existing products. Customized, innovative solutions, fairness and entrepreneurial spirit are our highest principles for action. But more importantly we have our short, non-bureaucratic ways of communication, and our independence. Because we are a privately owned company and will remain so, we can concentrate fully on your needs.

In 1976 Harald & Christa Caspers founded the company BIOMED - Manufacturer and Distributor of Lab Diagnostics. From the beginning, our competent staff contributed significantly to the implementation of these goals. Our clients have also played a significant role in our development through their positive suggestions. This has led to product innovations which has enabled them to extend and optimize their research spectrum which in turn has made the delivery of more meaningful test results possible.

We are aware that the medical laboratory work in relation to our actions and our products requires an uncompromising commitment to quality. BIOMED has therefore been involved early on with the Quality Management and in 1996 was one of the first diagnostic companies to be DIN EN ISO 9001 certified. In addition, since the introduction of the in-vitro diagnostic directives, the clinical chemical controls used by BIOMED have been CE-marked.



CONTROL SERA

The BIOMED Duotrol® Control Sera are independent control substances for various analysis devices. Due to their quality and their choice of packaging sizes plus their ease of use, the ready to use Duotrol® Control Sera can be used with all devices. By using our mostly liquor controls, Rilibäk (Quality Assurance Guidelines for the Doctors` Chamber of Germany), reliable and compliant control results are obtained that meet the highest standards. The clinical chemical accuracy controls have been CE labelled since the introduction of the In-Vitro diagnostic directives.

Liquor controls

As part of Liquor Diagnostics metabolism products, electrolytes and proteins are determined. We offer both a control for the universal diagnosis for cerebrospinal fluid and the other for the specific protein in the CSF. The humane based Liquor Controls Duotrol® CSF-Liquor and Duotrol® CSQ-Liquor are in liquid form and ready to use. They adhere to the clinically significant levels normal and abnormal.

Protein controls

In this range are amongst others the: Duotrol® CRM normal and Duotrol® CRM abnormal. These are protein diagnostics controls on serum basis whose values come in normal and pathological ranges for over 20 analytes from the immunological range. Duotrol® CRM normal and abnormal is as liquid validation sera very stable, easy to use and are especially suitable for various routines.

Urine controls

The Duotrol® Urine Controls are used for quality assurance of quantitative, qualitative or semi-quantitative lab research of urine diagnostics. There is a choice between Duotrol® Urine Liquid for the control of quantitative laboratory medical research and Duotrol® Urine dipstick to monitor semi quantitative quick test procedures in urine diagnostics.

Special controls

BIOMED provides special controls for specific analytes in unusual but within a clinically relevant range. In this range excels the Duotrol® Alcohol/Ammoniac Combination for the quantitative determination of alcohol and ammoniac as well as Duotrol® Bilirubine Paediatric – a quality control for Bilirubine analysis for children and adults in the higher ranges.

On our website you can find an up to date list of our current control materials. The matrix at the end of this brochure is designed to quickly lead you to the desired control material to suit your parameters.



To support the new RiliBÄK requirements (version dated 23.11.2007) we offer our inexpensive evaluation software, to enable small labs the possibility to document their lab quality assurance. For further information visit our website or contact us directly.



From our product portfolio

- ▶ Duotrol® normal/abnormal
- ▶ Duotrol® CRM
- ▶ Duotrol® Urin Dipstick
- ▶ Duotrol® CSQ-Liquor
- ▶ Duotrol® CRP Level 1-7
- ▶ Duotrol® Liquor (CSF)
- ▶ Duotrol® TDM, Level 1-3
- ▶ Duotrol® HbA1c, Combi
- ▶ Lactate-Controls

CALIBRATORS

In the clinical chemistry we provide you with approved and certified material from INSTAND e.V. The BIOMED calibrators meet the RiliBÄK requirements for adjustment of analysis methods in medical laboratories. Human Serum is used in the production of our calibrators. The portfolio covers universal calibrators for serum and urine specific analysis as well as various special calibrators.

Our universal calibrator, Duocal Multi, contains calibration values for 29 analytes. It is specifically designed for use as a calibrator for system reagents on all current analysis automats.

Together with our controls and reagents, use of our universal and special calibrators provide a reliable additional backup for a functional, well prepared and coordinated comprehensive system.

RELIABLE CALIBRATION
MEETING THE IVD-GUIDELINES
EASE OF USE THROUGH BARCODE INPUT



From our product portfolio

- ▶ Duocal Multi
- ▶ Duocal Ferritine-set
- ▶ Duocal IgE-set

HEMATOLOGY

The Hemafix®-Colour Set for hematology comes as a ready to use colour set for the modified Pappenheim colouring.

The colour automat Hemomat-K for short and long time colour methods from blood smears and other samples compliments our hematology range.

From our product portfolio

- ▶ Hemafix® blue
- ▶ Hemafix® red
- ▶ Hemafix® fixer solution

LABORATORY ACCESSORIES

Due to frequent client requests, we have expanded our product line to include a diluting solution for Leucocyte-Tests as well as cleaning agents. The cleaning agents are used for disinfecting, among others, analysis cuvettes, water baths, thermostats or incubators. In our assortment you can also find additional empty containers for various analysis automats.

From our product portfolio

- ▶ Thermoklar® to disinfect water baths and thermostats
- ▶ Leuko-lys to manually determine Leukocyte

RAPID TESTS

Quick and accurate results within minutes without the use of expensive medical technology: this trend we have adopted in our product portfolio with impressive rapid tests in the diagnosis of infection and drugs.

From our product portfolio

- ▶ Helicobacter pylori fast
- ▶ Rota-Virus fast
- ▶ Methamphetamine (METH)
- ▶ Marijuana (THC)

CLINICAL CHEMICAL REAGENTS

The preparation of stable long life reagents for clinical chemistry is one of the main targets of our company. In the frame of this segment our product range covers around 60, mainly mono and ready to use liquid reagents.

Since 1996 we have been producing barcode system reagents which have proven to have a particularly economical serum–reagent ratio. They can be used in all current analysis automats and come with the same ease of use at quite reduced costs.

Our specialities are the B-Power-Reagents. Their benefits: with same application, quality and shelf-life, you can do a lot more testing than with conventional reagents, have a higher daily turnover rate and a reduction in staff engagement.

Our specialist staff are at your disposal for personal advice to help you achieve the best possible optimal adoption of our reagents on your device.



COMPREHENSIVE REAGENT PALETTE

ACCURATE AND RELIABLE MEASUREMENT RESULTS

AUTOMATIC INPUT ON ALL CURRENT ANALYSIS AUTOMATS

SMALL BOTTLES WITH MORE TESTS THAN YOU ACTUALLY EXPECT

From our product portfolio

- ▶ B-Power-Cholesterol
- ▶ B-Power-Glucose
- ▶ CRP-Dynamik - Latex-Reagent
- ▶ IgE - Latex-Reagent
- ▶ Bilirubin
- ▶ Creatinine-Jaffe
- ▶ Ferritin
- ▶ HDL-Direct Liquid
- ▶ LDL-Direct Liquid

INFECTION DIAGNOSTICS

Our spectrum provides you with reliable proof of antigens and antibodies from various bacterial and viral agents. The results from INSTAND e.V. carried out ring tests certify the quality of the BIOMED products of infection diagnostics.

Unilisa/Biolisa

For the detection of Adeno-Virus, HSV and Borrelia plus many other infections

Enzyme immuno assays

For dejection diagnostics

BIODIFT immune fluorescence tests

For the detection of Legionella



From our product portfolio

- ▶ Legionella Screening test
- ▶ Helicobacter pylori
- ▶ Coxsackie-Virus
- ▶ Mycoplasma pneumoniae

Important facts

Our services

- Complete product palette for in-vitro-diagnostic
- Commercial test packages
- Simplified processing
- Accurate and reliable measurement results
- Automatic and manual tests

On site specialized advice for professional laboratory processes

Our product managers and medical product device consultants can support you before and after your purchase of our products.

Proof of this is the many years of service to a great number of clients, and with some labs even decades. *If you have any questions or would like to set up an appointment with one of our representatives, please phone or send us an email.*

Stay up to date with our latest target values online

Please visit our website at <http://www.biomed.de/downloads.html>, where you can find the actual nominal values for download in the secured area.

Device adaption

If you need help to adapt our products for your device simply contact us, we are more than happy to be of help.

RiLiBÄK-Software

To support the new requirements of RiLiBÄK (Version dated 23.11.2007) we offer smaller labs a low cost possibility to document their quality assurance documents.

Free Batch Reservation

If you would like to work with the same batch of a product, we offer you the possibility to reserve your required batch free of charge. One can also place a reservation request in the form of a standing order to relieve your order and ordering system.

Trade Fairs, Congresses and Presentations

BIOMED is present at Trade Fairs and Congresses, we are more than happy to welcome you at our stand to discuss new developments and product innovations.

We also cater for presentations on selected topics at our or your training facilities. Contact us for more information.



	Duotrol® normal and abnormal	Duotrol® Level 1 and Level 2 (LOT 091940)	Duotrol® Alcohol / Ammonia Level 1 and Level 2	Duotrol® Bilirubin Paediatric	Duotrol® Cardio Level 1 and Level 2	Duotrol® CK-Nac normal and abnormal	Duotrol® CRM normal and abnormal	Duotrol® CRM Liquid Level 1 and Level 2	Duotrol® CRP Level 1-7	Duotrol® Elpho normal / abnormal	Duotrol® HbA1c Level 1 and Level 2	Duotrol® TDM Level 1-3	Duotrol® Urine Liquid Level 1 and Level 2	Duotrol® Urine Dipstick Level 1 and Level 2	Duotrol® Liquor (CSF) Level 1 and Level 2	Duotrol® Liquor (CSQ) Level 1 and Level 2
FSH																
FT3	•															
FT4	•															
Gentamicin	•	•										•				
Gesamt-Eiweiß / Total Protein	•	•					•	•		•			•		•	•
GH																
GLDH	•															
Glucose	•	•											•	•	•	•
GOT (AST)	•	•														
GPT (ALT)	•	•														
Haemoglobin															•	
Haptoglobin							•	•								
Harnsäure / Uric acid	•	•											•			
Harnstoff / Urea	•	•											•			
HbA1c											•					
hCG													•	•		
HDL-Cholesterol	•	•														
Hemopexin																
Homocystein					•											
IgA	•	•					•	•							•	•
IgE	•	•					•	•								
IgG	•	•					•	•							•	•
IgM	•	•					•	•							•	•
Insulin																
Kalium / Potassium	•	•											•		•	•
Kappa							•	•								
Ketone														•		
Coffein												•				
Kreatinin / Creatinine	•	•											•	•		
Kupfer / Copper	•	•														
Lactate	•	•													•	•
Lambda							•	•								
LDH	•	•													•	•
LDL-Cholesterol	•	•														
Leucocytes														•		
LH																
Lidocain		•										•				
Lipase	•	•														
Lipoprotein (a)*																
Lithium	•	•										•				
Soluble Transferrin Receptor																
LSQ-Albumin																•
LSQ-Glucose																•
LSQ-IgA																•
LSQ-IgG																•



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LSQ-IgM																•
Magnesium	•	•											•			
Methotrexat												•				
Microalbumin													•	•		
Myoglobin					•		•									
N-Acetylprocainamid (NAPA)		•										•				
Natrium / Sodium	•	•											•		•	•
Nitrit														•		
Oestradiol																
Oligoklonal-Bande															Lv2	Lv2
Osmolalität	•	•													•	
pCO2																
pH													•	•		
Phenobarbital		•										•				
Phenytoin		•										•				
Phospholipide																
Phosphor / Phosphorus	•	•											•			
pO2																
Prealbumin		•						•								
Primidon												•				
pro-BNP					•											
Procainamid		•										•				
Progesteron																
Prolactin																
Properdin Faktor B								•								
PSA, free																
PSA, free - monoklonal																
PSA, total																
PSA, total - monoklonal																
PSA, total - polyklonal																
P-Saure Phosphatase / P-Acid Ph.	•															
P-α-Amylase	•	•														
Quinidine		•										•				
RF							•	•								
Salicylate		•										•				
Saure Phosphatase / Acid Ph.	•															
Spez. Gewicht / Gravity													•	•		
T3 total		•										•				
T4 total												•				
Testosteron																
Theophyllin	•	•										•				
Thyreotropes Hormon (TSH)	•	•										•				
Tobramycin	•	•										•				
Transferrin	•	•					•	•								
Tricyclic Antidepressiva												•				



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Triglyceride	•	•														
Troponin I					•											
Troponin T					•											
Urobilinogen														•		
Valproinacid		•										•				
Vancomycin		•										•				
Vitamin B12		•														
Vitamin E	•															
Zink / Zinc	•	•														
α1-Antitrypsin							•	•								
α1-Globulin (Elektrophorese)	•	•					Lv1	•		•					•	•
α1-Glycoprotein								•								
α2-Globulin (Elektrophorese)	•	•					Lv1	•		•					•	•
α2-Macroglobulin								•	•							
α-Amylase	•	•												•		
α-HBDH	•	•														
β2-Microglobulin							•	•								
β-Globulin (Elektrophorese)	•	•					Lv1	•		•					•	•
γ-Globulin (Elektrophorese)	•	•					Lv1	•		•					•	•
γ-GT	•	•														
Lv1 - just in Level 1																
Lv2 - just in Level 2																
		Serum											Urine		Liquor	



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