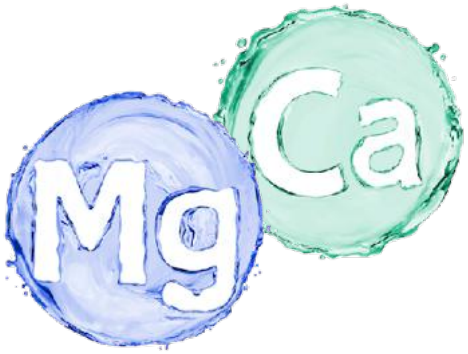
# Your competent partner in clinical chemistry

In clinical chemistry, we provide you with a complete, well thought-out and coordinated system of tested and certified reagents, calibrators and controls that meet the requirements of the RiliBÄK.
Unless otherwise specified, the multi-analyte calibrator **Duocal® Multi** is used as an optimal supplement to our reagents and controls.


## Reagents, calibrators and quality controls




### Calcium

| | |
|---|---|
| Control for serum/plasma: | **Duotrol® Normal/Abnormal** |
| Control for urine: | **Duotrol® Urin Liquid** |

### Magnesium

| | |
|---|---|
| Control for serum/plasma | **Duotrol® Normal/Abnormal** |
| Control for urine: | **Duotrol® Urin Liquid** |

### Glucose

Reagent: Quantitative determination in human serum, plasma and cerebrospinal fluid according to the PAP method (Glucose PAP)

| | |
|---|---|
| Control for serum/plasma | **Duotrol® Normal/Abnormal** |
| Control for CSF: | **Duotrol® CSQ Advanced, Duotrol® Oligo Positiv/Negativ** |
| Control for urine: | **Duotrol® Urin Liquid, Duotrol® U Dipstick** |

### HbA1c

Special control: **Duotrol® HbA1c**


BIOMED **reagents** can be used on all standard automated analyzers. We offer parameter-specific **control sera** and **calibrator sets** to match the reagents.

**BIOMED Labordiagnostik GmbH**
**www.biomed.de**
**Bruckmannring 32**
**info@biomed.de**
**85764 Oberschleißheim**
**Telefon: +49 89 315 7000**

# Reagents, calibrators and quality controls

## Cholesterol

Control for serum/plasma: **Duotrol® Normal/Abnormal**

## HDL (high density lipoprotein cholesterol)

Reagent: Quantitative determination in human serum and plasma as a homogeneous enzymatic test

Calibrator: **Duocal® HDL**
Control for serum/plasma: **Duotrol® Normal/Abnormal**

## LDL (low density lipoprotein cholesterol)

Reagent: Quantitative determination in human serum and plasma as a homogeneous enzymatic test

Control for serum/plasma: **Duotrol® Normal/Abnormal**

## Triglycerides

Reagent: Quantitative determination in human serum and plasma according to the GPO-PAP method

Control for serum/plasma: **Duotrol® Normal/Abnormal**

## AST (aspartate aminotransferase, GOT)

Reagent: Quantitative determination in human serum and plasma according to the IFCC method with and without pyridoxal phosphate in human serum and plasma

Additional reagent: **Pyridoxalphosphat (PYP)**
Control for serum/plasma: **Duotrol® Normal/Abnormal**

## ALT (alanine aminotransferase, GPT)

Reagent: Quantitative determination in human serum and plasma according to the IFCC method with and without pyridoxal phosphate in human serum and plasma

Additional reagent: **Pyridoxalphosphat (PYP)**
Control for serum/plasma: **Duotrol® Normal/Abnormal**

## Bilirubin

Control for serum/plasma: **Duotrol® Normal/Abnormal**
Control for urine: **Duotrol® U Dipstick**
Special control: **Duotrol® Bilirubin**
for determination in the high, abnormal range

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# Reagents, calibrators and quality controls

## Total protein

Reagent: Quantitative determination in human serum and plasma using the biuret method

| | |
|---|---|
| Control for serum/plasma: | Duotrol® Normal/Abnormal, Duotrol® CRM |
| Control for CSF: | Duotrol® CSQ Advanced |
| Control for urine: | Duotrol® Urin Liquid, Duotrol® U Dipstick |
| Electrophoresis control: | Duotrol® Elpho Kapillar |

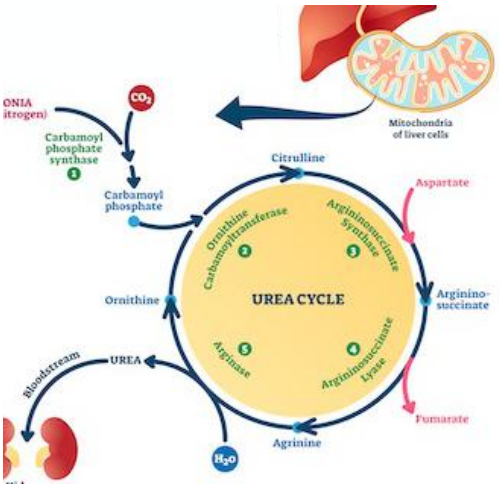
## Cystatin C

Reagent: Quantitative determination in human serum and plasma by turbidimetric immunoassay.

| | |
|---|---|
| Special control: | Duotrol® Cystatin C |
| Calibrator: | Duocal® Cystatin C |

## Creatinine

| | |
|---|---|
| Control for serum/plasma: | Duotrol® Normal/Abnormal |
| Control for urine: | Duotrol® Urin Liquid, Duotrol® U Dipstick |




## Urea

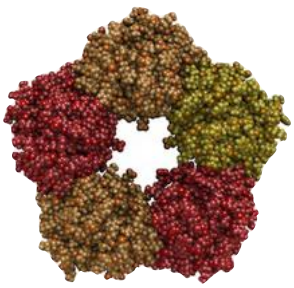
| | |
|---|---|
| Control for serum/plasma | Duotrol® Normal/Abnormal |
| Control for urine: | Duotrol® Urin Liquid |

## Urica (uric acid)

| | |
|---|---|
| Control for serum/plasma: | Duotrol® Normal/Abnormal |
| Control for urine: | Duotrol® Urin Liquid |

## CRP (C-reactive protein)

| | |
|---|---|
| Special control: | Duotrol® CRP |
| | in different measuring ranges |
| Control for serum/plasma: | Duotrol® Normal/Abnormal, Duotrol® CRM |



## Alcohol/ammonia

| | |
|---|---|
| Special control: | Duotrol® Alkohol/Ammoniak |

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# Reagents, calibrators and quality controls

## CK-NAC (creatine kinase)

Reagent: Quantitative determination in human serum and plasma according to the IFCC method

Control for serum/plasma: **Duotrol® Normal/Abnormal**

## α-HBDH (alpha-hydroxybutyrate dehydrogenase)

Reagent: Quantitative determination in human serum and plasma according to the optimized standard method (DGKC)

Control for serum/plasma: **Duotrol® Normal/Abnormal**

## Ferritin

High sensitive reagent: Quantitative determination in human serum and plasma in the turbidimetric immunoassay

Control for serum/plasma: **Duotrol® Normal/Abnormal, Duotrol® CRM**
Control for CSF: **Duotrol® CSQ Advanced**
Calibrator: **Duocal® Ferritin-Set**

## Transferrin

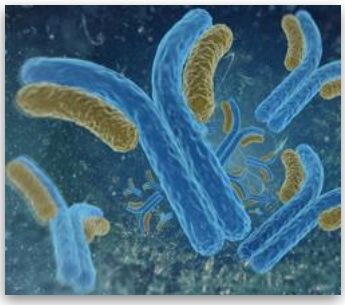
Reagent: Quantitative determination in human serum by turbidimetric immunoassay

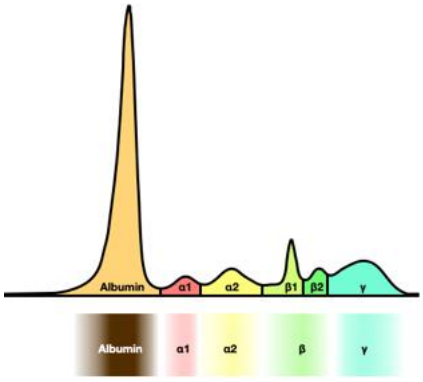
Control for serum/plasma: **Duotrol® Normal/Abnormal, Duotrol® CRM**
Calibrator: **Duocal® Transferrin-Set**

## Immunoglobulin E - IgE

Reagent: Quantitative determination in human serum and plasma by turbidimetric immunoassay

Control for serum/plasma: **Duotrol® CRM**
Calibrator: **Duocal® IgE-Set**






## Electrophoresis

Control for the isoelectric focusing of oligoclonal IgG:
**Duotrol® Oligo Positiv/Negativ**

Control for serum protein capillary electrophoresis:
**Duotrol® Elpho Kapillar**

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