

GBD
Gesellschaft für
biotechnologische Diagnostik mbH

foster quality || create certainty

customized control samples for more safety in everyday (laboratory) life

Our aspiration, our experience and our network are our strength.
Customized control samples are our focus.
Working with and for people is our passion.

PRODUCTS
2025



GBD-MolQC

Quality Controls

Gastrointestinal Pathogens

Product Name	Set	Product Type	Sample Property	Matrix	RG
GBD_UC-TIB-Gastro-BAC-1 Verification Panel REF 10302941001	4 x 1,1 ml	Singleplex	Sample 01: Yersinia enterocolitica Sample 02: Campylobacter jejuni Sample 03: Salmonella enteritidis Sample 04: Shigella sonnei	Bacteria suspension	1
GBD_UC-TIB-EHEC/C.diff Verification Panel REF 10302950001	4 x 1,1 ml	Singleplex	Sample 01: EPEC (eae positive) Sample 02: EHEC (stx1 positive) Sample 03: EHEC (stx2 positive) Sample 04: C. difficile (Toxin B positive)	Bacteria suspension	1
GBD_UC-TIB-Gastro-Virus Verification Panel REF 10302968001	5 x 1,1 ml	Singleplex	Sample 01: Norovirus GGI Sample 02: Norovirus GGII Sample 03: Rotavirus G1P[8] Sample 04: Adenovirus F Sample 05: Astrovirus	Stool suspension	2
GBD-MolQC GI-Virus 1 REF MolQC-GV1-01	2 x 1,7 ml	Multiplex	Norovirus GG1 Norovirus GG2 Rotavirus Adenovirus F40/41 Astrovirus	Stool suspension	2
GBD-MolQC GI-Virus 2 REF MolQC-GV2-01	2 x 1,7 ml	Multiplex	Norovirus GG1 Norovirus GG2 Rotavirus Adenovirus F40/41 Astrovirus Sapovirus	Stool suspension	2
GBD-MolQC GI-Bacteria 1 REF MolQC-GB1-01	2 x 1,7 ml	Multiplex	Yersinia enterocolitica Campylobacter jejuni Salmonella enteritidis Shigella sonnei	Bacteria suspension	1
GBD-MolQC GI-Bacteria 2 REF MolQC-GB2-01	2 x 1,7 ml	Multiplex	EPEC (eae positive) EHEC (stx1 positive) EHEC (stx2 positive) C. difficile (Toxin B positive)	Bacteria suspension	1
GBD-MolQC GI-Bacteria 3 REF MolQC-GB3-01	2 x 1,7 ml	Multiplex	Campylobacter jejuni Clostridium difficile E. coli O157/STEC Salmonella enteritidis EIEC Yersinia enterocolitica	Bacteria suspension	1

All samples are:

- lyophilized, homogenous + stable
- in RUO status

GBD-MolQC

Quality Controls

Respiratory Pathogens

Product Name	Set	Product Type	Sample Property	Matrix	RG
GBD_UC-TIB-Respi-BAC-1 Verification Panel <i>REF 10379065001</i>	4 x 1,1 ml	Singleplex	Sample 01: Streptococcus pneumoniae Sample 02: Bordetella pertussis Sample 03: Bordetella parapertussis Sample 04: Haemophilus influenzae	Bacteria suspension	1
GBD_UC-TIB-Respi-BAC-2 Verification Panel <i>REF 10379090001</i>	3 x 1,1 ml	Singleplex	Sample 01: Legionella pneumophila Sample 02: Chlamydia pneumoniae DNA Sample 03: M. pneumoniae DNA	Bacteria suspension	1
GBD-MolQC Respi-Virus 1 <i>REF MolQC-RV1-01</i>	2 x 1,3 ml	Multiplex	Influenza A-Virus (H3N2) Influenza B-Virus RSV B SARS-CoV-2 (BA.2)	Cell culture super- natant	2
GBD-MolQC Respi-Virus 2 <i>REF MolQC-RV2-01</i>	2 x 1,3 ml	Multiplex	Adenovirus (C2) Parainfluenzavirus (3) Humanes Rhinovirus (A30) Humanes Metapneumovirus (A)	Cell culture super- natant	2
GBD-MolQC Respi-Bacteria 1 <i>REF MolQC-RB1-01</i>	2x 1,3 ml	Multiplex	Streptococcus pneumoniae Bordetella parapertussis Bordetella pertussis Haemophilus influenzae	Bacteria suspension	1
GBD-MolQC Respi-Bacteria 2 <i>REF MolQC-RB2-01</i>	2x 1,3 ml	Multiplex	Chlamydia pneumoniae Legionella pneumophila Mycoplasma pneumoniae	Bacteria suspension	1

All samples are:
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- in RUO status

GBD MolQC-Quality Controls

- ✓ replicates the workflow of a laboratory
- ✓ replicates clinical samples
- ✓ is ideal for staff training
- ✓ can be used to check devices
- ✓ is ideal for verification of tests

- ✓ guaranteed homogeneity and stability
- ✓ 2 years shelf life when stored at <-20°C min.
- ✓ can be used on any platform
- ✓ adapted to the epidemiological situation

GBD-MolQC

Quality Controls

	Product Name	Set	Product Type	Sample Property	Matrix	RG
STI	GBD-MolQC STI-Bacteria 1 <i>REF MolQC-STB1-01</i>	2 x 1,3 ml	Multiplex	Chlamydia trachomatis D Neisseria gonorrhoeae Trichomonas vaginalis Mycoplasma genitalium (DNA)	Bacteria suspension	1
Trop.	GBD-MolQC TropF-Virus 1 <i>REF MolQC-TFV1-01</i>	2 x 1,3 ml	Multiplex	Chikungunya-Virus Dengue-Virus West Nile-Virus Zika Virus	Plasma	2
CNS	GBD-MolQC STI/CNS Virus 1 <i>REF MolQC-STCNV1-01</i>	2 x 1,3 ml	Multiplex	Cytomegalovirus Herpes Simplex Virus 1 Varizella Zoster Virus	Cell culture super- natant	2
Blood Relevant	GBD-MolQC Blood Borne Panel Virus 1 <i>REF MolQC-BBV1-01</i>	12 x 1,5 ml	Singleplex	Sample 01: HIV-1 High Control Sample 02: HIV-1 Low Control Sample 03: Hepatitis B Virus High Control Sample 04: Hepatitis B Virus Low Control Sample 05: Hepatitis C Virus High Control Sample 06: Hepatitis C Virus Low Control	Plasma	1 1 3** 3** 3** 3**

All samples are:

- lyophilized, homogenous + stable
- in RUO status



More Information Online



Customized Quality Controls

Our aspiration, our experience and our network are our strength!

Are you looking for specific control samples to simplify your daily laboratory work and help you answer specific questions?

Would you like to improve processes, train your team or do you need to validate tests?

Are you missing the right sample?

Call us:

+49 (0)30 688 19 77 30

GBD-ImuQC

Quality Controls

Serological Infection Diagnostics

Product Name	Set	Product Type	Sample Property	Matrix	RG
GBD-ImuQC HIV-1/2 Panel 1 <i>ImuQC-HIV-01</i>	6 x 0,75 ml	Singleplex	Sample 01: Anti-HIV-1 positive Sample 02: Anti-HIV-2 positive Sample 03: Anti-HIV-1/2 negative	Serum	3** 3** 1
GBD-ImuQC HIVp24 quant Panel 1 <i>ImuQC-HIVp24-01</i>	6 x 0,75 ml	Singleplex	Sample 01: HIV-1 p24 Ag High positive Sample 02: HIV-1 p24 Ag Low positive Sample 03: HIV-1 p24 Ag negative	Serum	1
GBD-ImuQC HAV Panel 1 <i>ImuQC-HAV1-01</i>	4 x 0,5 ml	Singleplex	Sample 01: Hepatitis A Virus (HAV) IgG positive Sample 02: Hepatitis A Virus (HAV) (Ab) negative	Serum	1
GBD-ImuQC Anti-HBs quant Panel 1 <i>ImuQC-AHBs-01</i>	6 x 0,75 ml	Singleplex	Sample 01: Anti-HBs High positive Sample 02: Anti-HBs Low positive Sample 03: Anti-HBs negative	Serum	1
GBD-ImuQC HCV Panel 1 <i>ImuQC-HCV1-01</i>	4 x 0,5 ml	Singleplex	Sample 01: Hepatitis C Virus (HCV) (Ab) pos. Sample 02: Hepatitis C Virus (HCV) (Ab/Ag) neg.	Serum	1
GBD-ImuQC CMV Panel 1 <i>ImuQC-CMV1-01</i>	4 x 0,5 ml	Singleplex	Sample 01: Cytomegalovirus (CMV) IgG pos. Sample 02: Cytomegalovirus (CMV) (Ab) neg.	Serum	1
GBD-ImuQC DOBV Panel 1 <i>ImuQC-DOBV-01</i>	6 x 0,5 ml	Singleplex	Sample 01: Hantavirus (DOBV), acute Infection Sample 02: Hantavirus (DOBV), past Infection Sample 03: Hantavirus (Ab) negative	Serum	1
GBD-ImuQC PUUV Panel 1 <i>ImuQC-PUUV-01</i>	6 x 0,5 ml	Singleplex	Sample 01: Hantavirus (PUUV), acute Infection Sample 02: Hantavirus (PUUV), past Infection Sample 03: Hantavirus (Ab) negative	Serum	1

All samples are:
- liquid, homogenous + stable
- in RUO status



Product-News

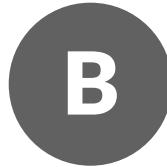


GBD_{mbH}



Quality

We guarantee the highest quality of our samples through a multitude of test stages, complex production processes, a high level of expertise coupled with decades of experience and passion. We are committed to transparent processes and personal communication.



Flexibility

A broad collection of raw materials, many years of experience, a good network and our strong team enable us to produce customized samples, even in small batches, while responding to the needs of each customer.



Scientificity

Our vision is to make a contribution to stable and safe basic medical care. We operate in a diverse scientific network and exchange. Our samples are always adapted to the current clinical/epidemiological situation.

Reliability and Quality

GBD Gesellschaft für biotechnologische Diagnostik mbH is an internationally active company which, as a virological-scientific institute, specializes in the production of tailor-made quality control samples for pathogen diagnostics and other areas of laboratory diagnostics. The collection of starting material, the planning and production of samples as well as the data evaluation is carried out in-house in cooperation with many experts.

With our products you will find:



Variety

Large, constantly growing collection of materials (at least 90 different pathogens/antibodies).



Stability

Our homogeneous samples can be used for several days. Shelf life (stored < -20°C) at least 2 years.



Individuality

We offer customized samples - tailored to your test, your question or your project.



Independency

Our "third party" control samples can be integrated into your workflow independently of the platform or made available to your customers.



GBD *mbH*

www.gbd-biotechdia.com