

WHO WE ARE

GBD is an independent, science-driven company. For decades, we have been developing tailor-made quality controls and reference samples for laboratory diagnostics – by scientists, for science and practice.

AI MODIFIED

With deep expertise and close collaboration with leading laboratories and institutions, we provide the foundation for reliable diagnoses in virology and bacteriology – and thus contribute to better patient care worldwide. With GBD, laboratories gain more than just samples – they receive a solid foundation for precise diagnostics: independent, flexible, stable, and scientifically validated.

OUR QUALITY CONTROLS

- **Internal Quality Control (IQC) samples**
 - GBD-MolQC Multiplex & Singleplex Controls
 - GBD-MolQC Verification Panels
 - GBD-MolQC Quantified Controls (w. dPCR)
 - GBD-ImuQC Serological Controls
- **External Quality Assessment (EQA) samples**
- **Individual tailor-made samples in small batches**

CORE ELEMENTS

- Homogeneous and stable
- Assay-independent
- Epidemiologically relevant
- Long shelf life
- Whole-pathogen and human antibody controls

HIGH STANDARDS

- Replicates the workflow of a laboratory
- Mimics clinical samples (system-agnostic)
- Ideal for staff training
- Can be used to check assays and devices
- Ideal for verification of assays

Contact us for
our quality
control samples.



WHAT SETS US APART FROM OUR COMPETITORS

UNIQUE SAMPLES

- **Whole workflow samples** – system-agnostic whole-pathogen controls
- **Independent, safe & flexible** – platform- and test-independent, suitable for any laboratory
- **Scientifically validated & regulatory relevant** – compliant and requested by auditors
- **Matrix properties** – aligned with routine diagnostic samples, enabling true-to-life simulation
- **Proven stability & homogeneity** – up to 2 years shelf life with consistently precise results
- **Singleplex & Multiplex samples** – from focused testing to complex panels

YOUR BENEFITS

- **Easy shipping & handling** – long-term stable and always ready to use
- **Customized solutions** – fast and uncomplicated, tailored precisely to your assays and needs
- **Flexible** – in both small & large production batches, depending on demand
- **Broad pathogen portfolio** – more than 100 pathogens
- **Up to date** – regularly expanded with new strains and types