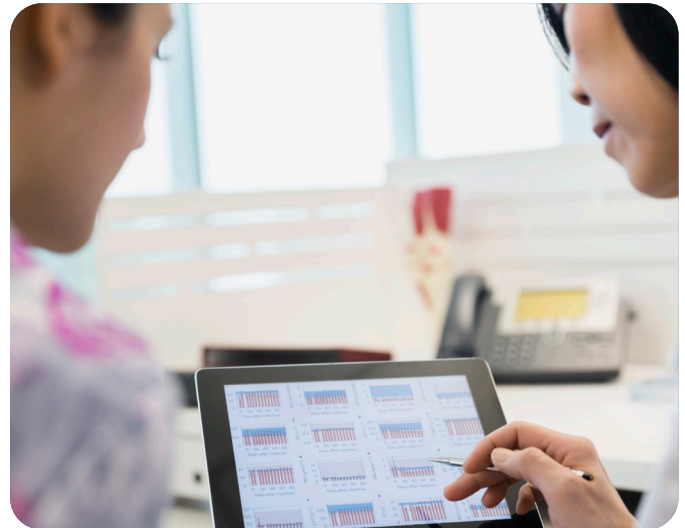


# IQVIA Biobanking Solution

*Provides the tools for compliant sample management with the philosophy of personalized medicine*

IQVIA Biobanking offers wide-ranging tools for extensive documentation and management of biospecimen in their entire lifecycle. From extraction to shipping and finally sample analysis, all data is captured and displayed in patient-centered research records. These records include additional clinical and medical legacy data, imported via interfaces from other documentation systems (e.g., Hospital Information Systems, tumor documentation systems, etc.). These longitudinal research records provide meaningful contextual data for the biospecimen.

This allows biobanks to be more than simple logistic management systems and service providers. Sample information no longer stands alone in isolated records but becomes meaningful sources of knowledge for clinical research. This allows researchers to easily request cohorts of samples that are pre or post-therapy, from patients that match other clinical prerequisites, making research much more targeted.



## Key benefits of IQVIA Biobanking Solution



### Configurable

Easily configurable with an institution's own vocabulary. Customization of system vocabulary for standard fields is managed in the user interface and allows for the creation of additional data fields and forms for capturing data on patients and samples.



### Based on the FAIR principles (Findable, Accessible, Interoperable, Reusable)

Includes an easy-to-use query interface making samples findable and accessible for management and research. Supports the latest interoperability standards and device integration to facilitate sample handling, and interoperability with existing IT infrastructures.



### Research focused platform

The capabilities of IQVIA Biobanking Solution are part of the IQVIA Health Data Research Platform (HDRP) supporting research activities from day-to-day sample management tasks to complete management of Clinical Trials. The solution provides the tools needed for clinical research and serves as a Health Data Research Repository for continuous reuse of data.

# Capabilities

**Sample life cycle management:** includes full chain of custody from extraction to sample analysis.



**Storage location management:** optimizes inventory processes and storage systems, allows for a central management of an institution's biobank.



**Sample automation and interfacing:** links robotic capabilities for batch processing and other device integration (e.g., barcode scanners, etc.)



**Sample requests & delivery:** manage and distribute samples in a controlled and secure manner.



**Sample collection kits:** automates sample collecting providing efficiency and improving documentation.



**Audit trail:** automatically records all changes made to the database in a transparent and easily accessible history log.



**Integrated reporting:** automates ad-hoc reporting on all data collected in the biobank database.



**Workflow engine:** allows for the molding of Standard Operating Procedures (SOPs) into documentation forms, according to rules and guidelines specified by an institution.



**Data integration:** open interface structure for seamless integration into existing IT infrastructures (e.g., HL7, FHIR, RESTful APIs, XML, etc.)



**Patient/Donor registration:** either through importing from patient managements systems or utilizing user-friendly forms for manual entry. Role based access offers protection for patient information.



**Consent management:** ability to design components to allow for the structured capture of detailed, customized consent forms which can be assigned to each sample.



The IQVIA Biobanking Solution has been supporting sample management needs and facilitating research collaboration since 2008. Currently over 115 million samples and their data are registered in IQVIA Biobanking Solutions globally and deployed in over 13 languages. The customization of the solution allows it to fit the needs of multiple different types of institutions such as: university hospitals, biotechs, pharma, and other health related government organizations.