

Improving Biobank sample value by professional handling and characterisation

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INTRODUCTION

TRIGA-S is an ISO 13485 certified Contract Research Organisation. With our own S2 Laboratory, we offer dedicated services for the biobanking and diagnostics Industry since 1998. We offer sample collection and logistic services, aliquot generation services and long-term backup storage of your most valuable biologic specimens. Furthermore, we are able to perform routinely more than 200 different diagnostic assays on your samples in order to characterize them specifically to your needs.

Our scientific team is able to establish new diagnostic assays for your samples customised to your specific needs. Handling of biological specimens is according to GCP, GCLP, CLSI and highest technical standards. Samples are stored in freezers down to -80°C with redundant systems and a backup Diesel. Our computer-controlled freezers are monitored 24/7 and additionally monitored by our emergency teams 24/7 as well.

AIM

We are aiming to support you in assuring highest quality and value to your biologic specimens by our standardised processes in sample acquisition, sample logistics, sample processing and sample storage. Our ISO 13485 certification assures that the biologic samples are in accordance with global diagnostic standards. With our S2 laboratory team we add additional value to the characteristics of your samples.

METHODS

Our experienced teams will support you in all Phases of Biobanking and sample acquisition:

- Logistic team trained to ship and handle time- and temperature sensitive samples.
- Collection kit assembly, coding and shipment.
- Project management team to set up a specific project plan.
- Monitoring team able to contact and train clinical sites to your specific sample collection needs.
- Regulatory team to prepare ethics submissions.
- Laboratory team to aliquot and store your (back-up) samples under appropriate controlled conditions.
- Laboratory team to characterise your samples by routine diagnostics and establish new diagnostic methods, if needed.

RESULTS

Using our holistic approach in obtaining, handling and storing high quality biologic specimen we were able to support several companies ranging from start up to global market leaders to generate and maintain high quality biological specimens for their specific research and development projects.

The S2 facility in Habach (Germany) has been custom built to fulfil this mission.

The samples maintain in an S2 environment throughout this facility.

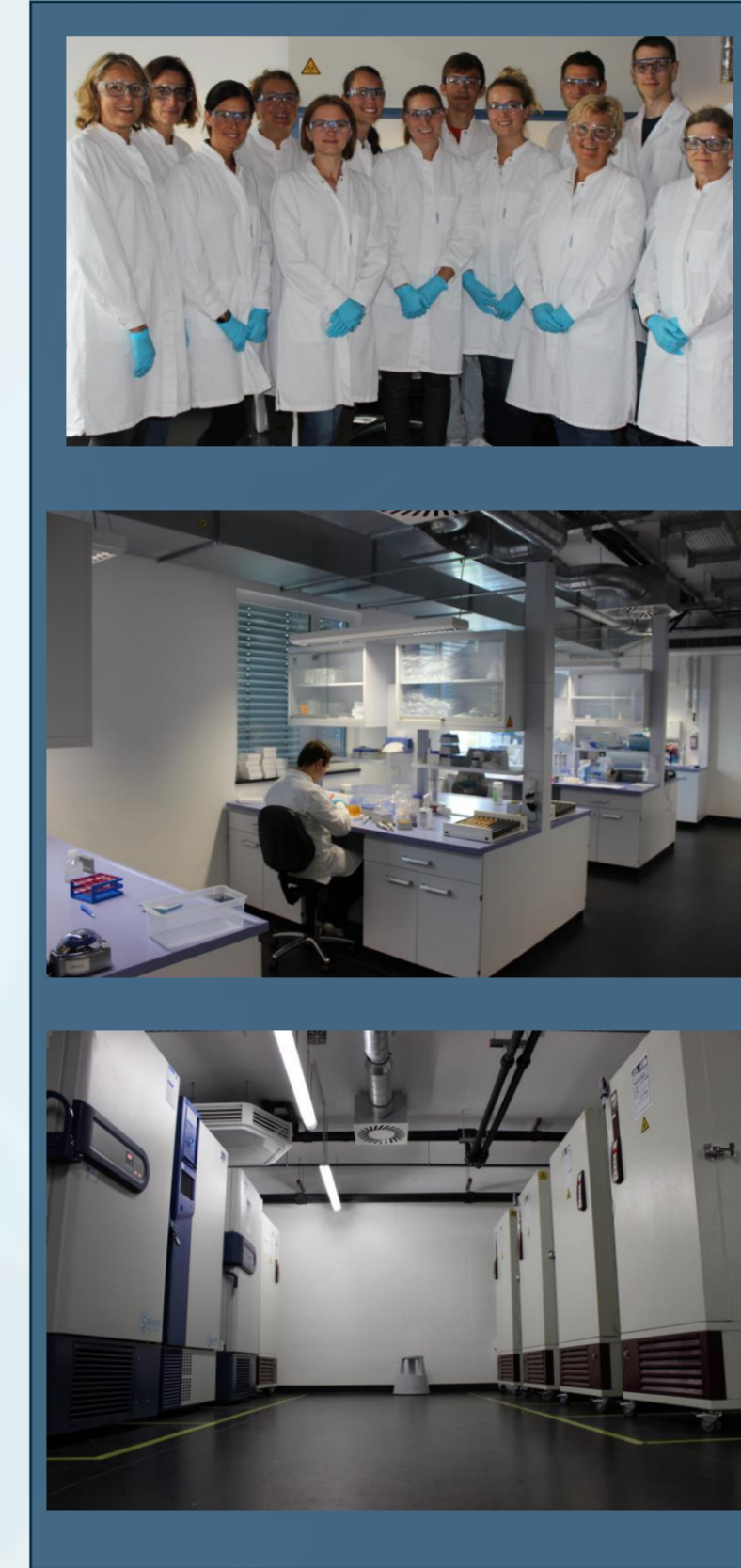
They can be stored from RT down to -80°C in an 24/7 computer controlled environment.

Electronic data capturing systems assure that the data to your samples are stored according international regulations.

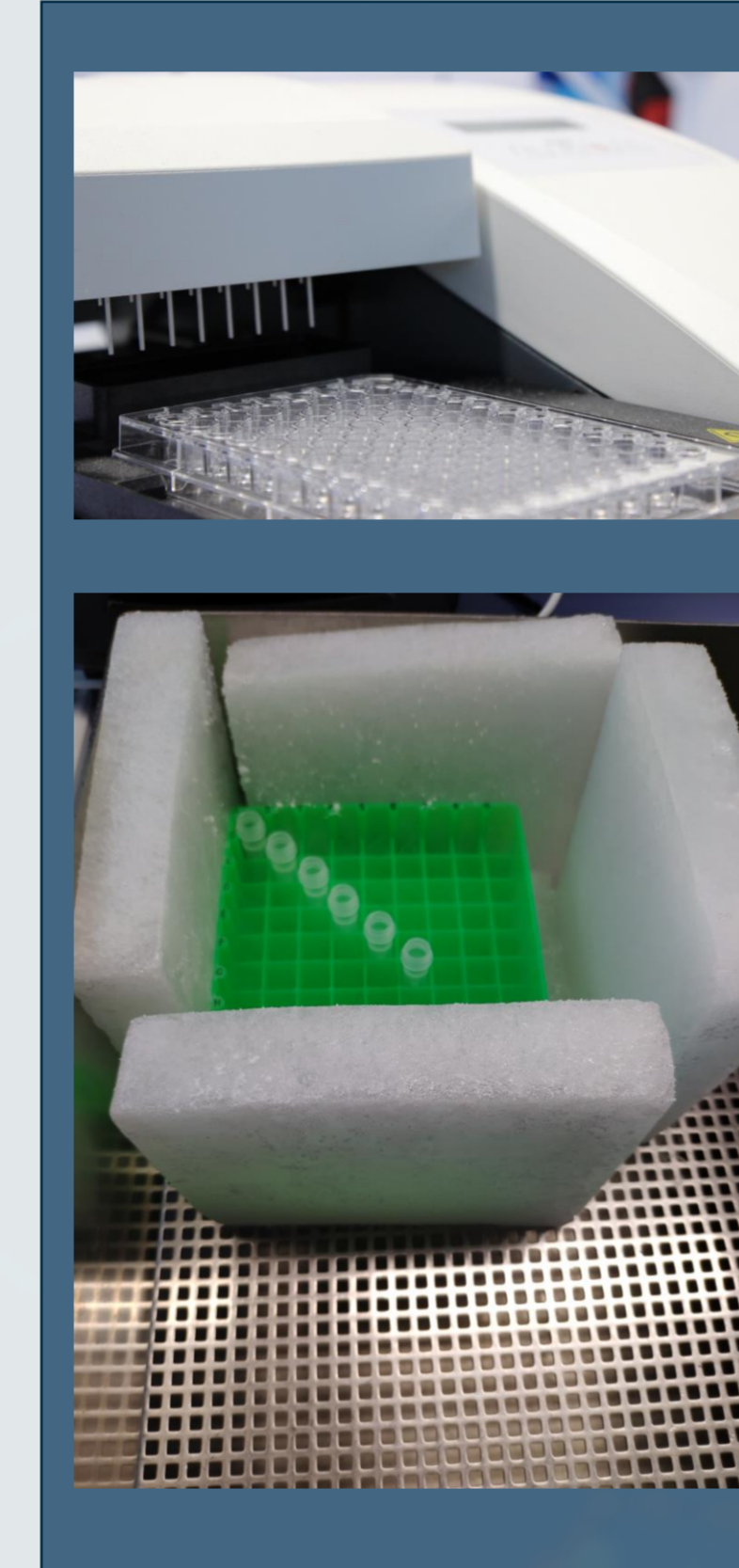
ISO 13485 standards will be applied as well throughout the facility.

More than 200 R & D projects have been concluded successfully with our samples (please, see the most recent publications below).

Repeated business over years with our customers, tells the best story about the success of our approach.



Laboratory Team, dry ice workspace, -80°C facilities and the sample processing laboratory.



Redundant cooling engines and emergency Diesel generator at the TRIGA-S facility. Left below: High throughput Clinical Chemistry and Immunological assay Laboratory.

CONCLUSIONS

- Biobanks will be able to profit from the versatile experience of TRIGA-S.
- More than 20 years of experience in generating high quality biological specimens derived from more than 500 international clinical sites for the development of new In Vitro Diagnostic assays makes TRIGA-S a unique partner for Biobanking.
- Collection, logistics, processing and storage of samples for diagnostic purposes have been brought to a standard allowing our customers from all over the world to achieve international market access for their innovative Diagnostic Methods.
- Missing clinical parameters will be determined in our S2 laboratory in order to add value to your biological specimens.
- In our well equipped facility in Habach we will be able to support almost all your specific needs for high quality Biobanking.
- Additional services: In Vitro Diagnostics (IVD) development and performance evaluation according to the EU – IVDR and US - CFR

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