



Biobanking provides reliable long term storage for your biological specimens, actively contributing to modern medical

BARC STATE OF THE ART BIOBANKING FACILITY

research allowing for future advances in research and holding the keys to unlock answers to unspoken questions.

FEATURES & CAPACITY



- Ultra-Low freezers [-70°C to -80°C] 500 000 samples, growth potential to 1 million samples
- Liquid nitrogen [-150°C to -196°C] cryo sample storage at all BARC sites – current Johannesburg capacity 256 000 with room for expansion to 1 million samples
- Cold chain management controlled temperature storage, Independent monitoring FDA approved system – Citect Scada, monitoring temperatures and alarms providing comprehensive specimen life cycle monitoring
- Ensuring constant temperature range below minimum critical threshold – uncompromising cold chain management. Equipment calibrated and certified with reliable probes
- This service has been designed for organisations who have short term and long term storage requirements, to meet increasing legislative regulations and research commitments
- Specialized transport company to collect and deliver samples
- Dedicated areas for receiving, storage, retrieval and shipment with qualified staff utilizing electronic barcoded sample tracking on LDMS/Meditech , 100% QC of all shipments in and out of repository
- Efficient specimen cataloging, archiving and IATA compliant cryogenic shipping containers, including Dry Shippers IATA trained personnel
- Green 'Chiller' systems for efficient reduction of power usage



BACK-UP PROVISIONS

- Disaster recovery plan
- 400 KVA generator
- Dedicated electrical substation
- CO₂ back up -80°C storage
- Reservoir for Chiller system



PREMIUM SAFETY AND SECURITY CONTROLS

- Video graphic recorder of the facility
- Oxygen Monitors and CO₂
- Maximum air extraction and ventilation systems
- State of the Art Safety Equipment

Global Central Laboratory

BARC SOUTH AFRICA (PTY) LTD. info@barcsa.co.za www.barcsa.co.za

Head Office: 11 Napier Road - Richmond - Johannesburg, 2092

Phone +27 11 242-7044 Fax +27 11 358-0748