



Cerba Research

Laboratory solutions for anti-infectives and vaccines

The scientific expertise, agility and
scale for optimized solutions



The **agility** to adapt to an evolving world health environment and the **scale** to deliver across the globe.

Customized, fit-for-purpose specialty laboratory services

It all starts with selecting the most appropriate assay. Our dedicated R&D team engages customers from the start to understand the characteristics of the study and leverage their experience and knowledge for a fit-for-purpose assay. Our experts then support the design, development and validation of virology or molecular assay, using the latest technological and methodological advancements.

Access to a global network with consistent processes and delivery

An extensive laboratory network supported with strong laboratory partnerships ensures the assay can be executed consistently on a global basis.

In the environment of rapidly evolving pathogens, pandemics, and seasonal outbreaks such as the flu, having access to specialty laboratory testing for anti-infectives and virology and being able to scale up research is more important than ever.

Cerba Research supports customers with a broad range of global flexible solutions across all development phases. This combined with a global laboratory network and experience in method and technology transfer—even to remote regions— supports our customers to meet their study-specific requirements in a constantly shifting global health landscape.



- In-house BSL3 laboratories available to deal with pathogenic viruses and high-throughput capabilities
- Experienced in method/technology transfer
- Wide range of specialty laboratory services across all development phases

Extensive laboratory services and coverage in Africa

With a vast population of potential patients from diverse ethnic backgrounds, many of whom are treatment naïve and, a history of high levels of infectious and tropical diseases, Africa holds many advantages for clinical trials.

Cerba Research boasts a strong network of routine and specialty clinical pathology laboratories throughout Africa.

In the South Africa facility alone, we have deep experience in clinical trials resulting from disease epidemics particularly in HIV, TB, HPV, HBV, Malaria, Mpox, oncology, Diabetes.

This, along with extensive PBMC experience and BSL3 capabilities, makes this option a serious consideration for your laboratory testing.

Partnerships with laboratories throughout Africa enable us to deliver:

- A firmly established EQA monitoring program
- Qualification and auditing laboratory programs
- PBMC training and monitoring program
- Reagent packages for appropriate tests



Method/technology – well-defined processes executed with precision

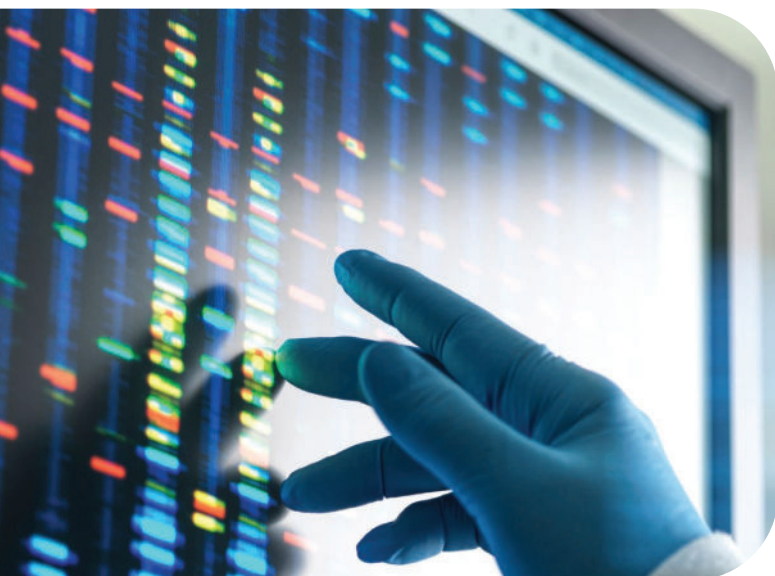
With proven expertise and tried and trusted processes in method/technology transfer we ensure consistency and compliance with regional and local regulatory standards.

The method, standard operating procedure and specific conditions are transferred and adopted according to regional and local regulatory standards.

Assay robustness and compliance with validation criteria are tested over 1–2 assay runs.

Adaptation of method – commercial kits are leveraged where possible, and customization is available for optimization to meet regulatory requirements.

Quality control is conducted regularly on centralized raw data. Data analysis and delivery is performed according to regulatory guidance (FDA, EMA, or other as appropriate).





Smooth, efficient management from start to finish

A Specialty Laboratory Liaison is assigned to your project from the outset, providing a single point of contact for communication at all stages; from contract management to close out of study.

This highly skilled professional tracks and monitors progress to ensure efficient management of timelines and budget and addressing issues as they arise for quick resolution.

They will also prepare analytical plans, sample lists for testing, the compilation of bioanalytical reports and manage delivery of high quality data to the customer.

Specialist laboratory logistics solutions for sample and kit management



Cerba Research offers customized laboratory logistic solutions for kit and sample management according to the protocol. Full logistics plans include risk assessment, contingency planning and specialist management on a global scale. Our proprietary Mercury LDE digital platform, provides tracking and tracing of samples in real-time, 24/7, to ensure immediate responses and appropriate corrective action.

These services are adapted to the complexity of the sample/kit, with premium services being offered where samples are more sensitive to conditions or timeframe management.

Our network of affiliated laboratories and biorepositories extends across all continents, with logistic capabilities enabling international shipments (> 3000 different locations globally) that adapt to meet appropriate regulations.

Services across all phases of development

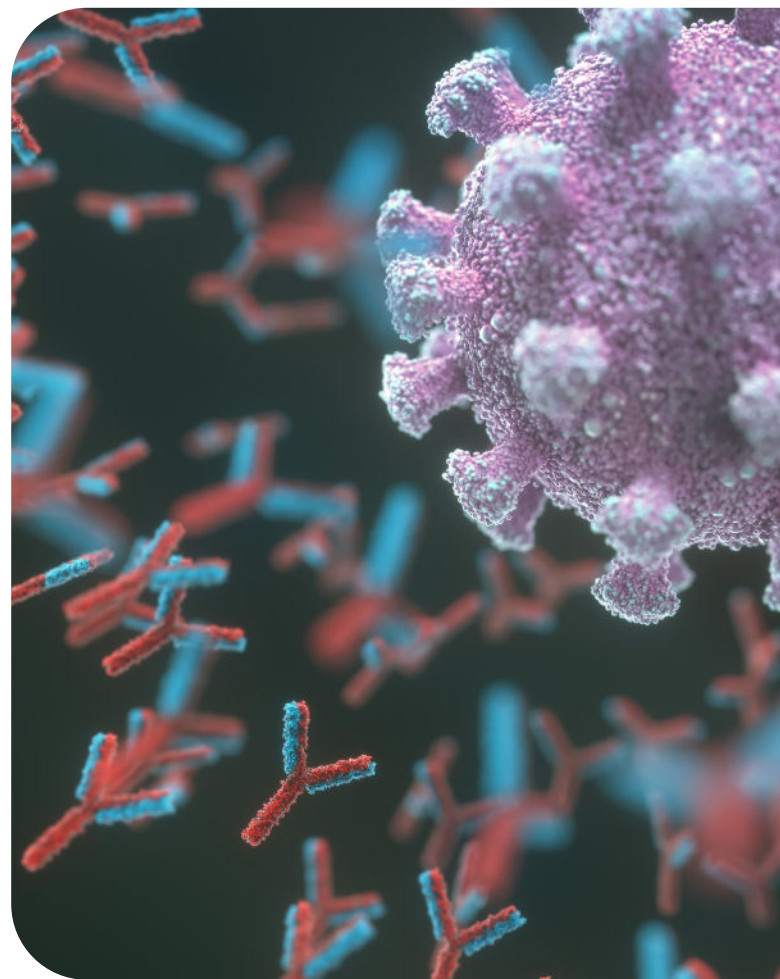
Cerba Research provides laboratory solutions in all phases of development however our specialty pre-clinical facility and services is how we stand out from the crowd.

Pre-clinical and polio specialty services

A center of excellence in Europe brings together a specialist team with the essential knowledge and experience in setting up pre-clinical models and non-clinical laboratory assays, offering state-of-the-art services:

- 1600 m² / 18,000 ft² preclinical laboratory areas
- SPF, BSL-2, BSL-3+
- GLP
- Dedicated GAP IV compliant Polio Facility >5000 ft² / 460 m²
- BSL-3 Isolator rooms > 1000 ft² / 90 m²
- BSL-2 facilities
- Biosecurity facility

Our viral research portfolio includes a wide range of targets, from respiratory viruses such as influenza (both seasonal strains and those with pandemic or zoonotic potential), RSV, and hMPV, to beta coronaviruses such as MERS-CoV, SARS-CoV, and SARS-CoV-2. We also support studies on non-respiratory viruses, including Polio and Rabies. To support these programs, we offer access to a variety of pre-clinical models and model development, enabling flexibility and relevance across different study designs.



Regulatory knowledge and expertise in Next Generation Sequencing

Cerba Research genetics and bioinformatics experts have regulatory knowledge with a validated pipeline and reporting experience in Next Generation data. They also have the capability for long and short reading sequencing with a wide range of pathogens and sequencing applications. These experts manage bacterial sequencing applications for whole genome sequencing, microbiota, long read sequencing and whole metagenome sequencing.




Track record of experience and success

Collaboration with major government agencies, NGOs, and global institutes.

 ~600 Infectious Disease projects since 2018

 250 Focused on COVID-19

 90%+ Trials include specialty testing

Why Cerba Research?



Scale and agility

Flexible solutions delivered globally.



Knowledgeable

Scientific expertise in fit-for-purposes specialty laboratory services.



End-to-end solutions

Services available from pre-clinical to late phase programs, managed by single point of contact.



Customised laboratory logistics

Specialists in sample and kit management across the world.



Cerba Research is a leading specialty laboratory service provider with the capacity and breadth of a global central laboratory network. Our highly qualified scientists provide insight on the latest biomarkers, assays and testing approaches and develop innovative solutions for unique challenges across all research phases, to pharmaceutical, biotechnology, medical device, government, public health, and CRO organizations.

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