Brochure



Meeting the Challenges

You Face with Global PBMC

All Your Global PBMC Needs Delivered

Cerba Research

What are the key challenges you'll ask yourself?

There are important questions you need to ask yourself and any potential laboratory partner before you start a study including PBMC assays as part of your protocol:

- What PBMC methodology best fits your intended outcome and study?
- Where do you want to run your study and at what scale?
- What data are you looking to generate from your PBMC?

Your partner laboratory needs to be able to support you with their answers to all these challenges.



What PBMC methodology best fits your intended outcome and study?

The downstream testing requirements of your study can drive your choice of PBMC protocol, with many oncology studies utilizing 'off the shelf' solutions (we offer 5 core modalities 'off the shelf') and complex vaccine studies needing more bespoke solutions. Whatever your study needs Cerba Research's subject matter experts will help guide you to the most appropriate assay, balancing both scientific and operational considerations.

If you already know what you want, Cerba Research can assist you, offering all core modalities including Vacutainer® CPT Mononuclear Cell Preparation and HANC Ficoll customized methods available for your PBMC processing. You can count on us to overcome your scientific and operational challenges.

When choosing your laboratory partner other points to consider are do they offer:

Harmonized SOPs for the entire process that ensure high viability and recoverability?

Bespoke solutions to adopt a specific protocol and/or specific locations, including opening up new sites and countries?

Established infrastructure to support PBMC processing across major countries as well as in non-traditional areas?

Rapid support for sample logistics ensuring collection times from 2hrs to 24hrs?

Dedicated scientific and operational teams that underpin the global PBMC processes?

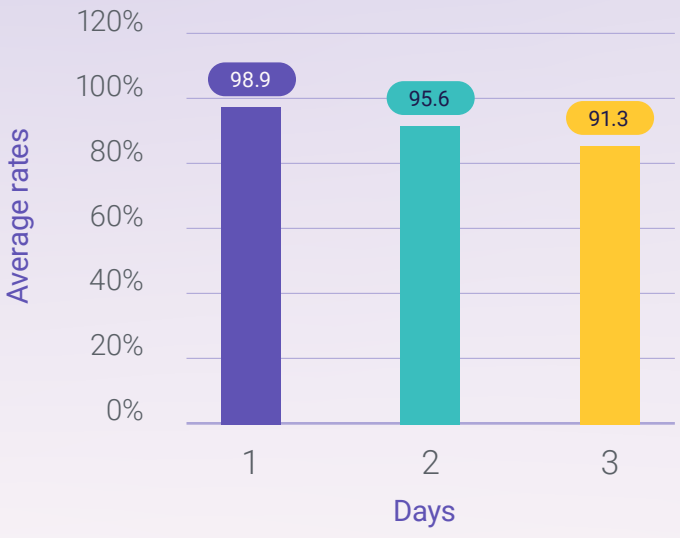
Quality programs and experienced trainers that support quality and certification?

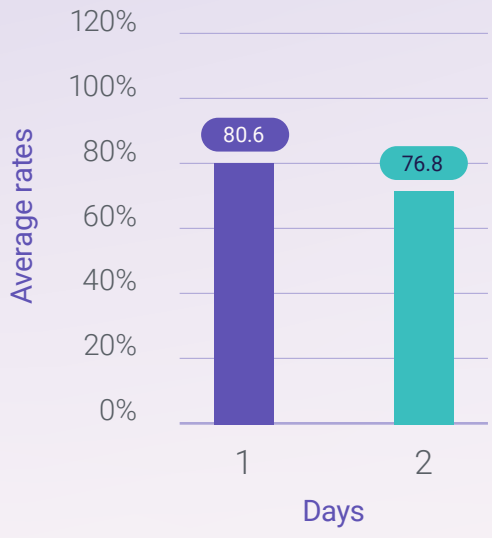
With Cerba Research, the answer to all the above is yes



With over 200 different studies, including vaccines, biologics and monoclonal antibody studies used in the treatment and prevention of infectious diseases, Cerba Research is able to support your most critical needs.

The viability and recovery data testify to our commitment to bringing your study the PBMC assay it deserves.







Where do you want to run your study and at what scale?

When selecting a partner laboratory, the key considerations with regard to scale are:

- How large is your trial?
- How many samples will need to be processed and when?
- How many countries are you working across?
- Are you looking at 'non-traditional regions' outside of North America & Europe?
- Can your partner laboratory reliably manage end-to-end logistics?



How large is your trial? How many samples will need to be processed and when?

Cerba Research currently can manage upwards of 1,000 PBMC assays per day, and that's only scratching the surface of our capacity.

There is no trial too big for us to be unable to cope with. Being an integration of central and specialist laboratories, we also retain the agility to manage the smaller focused trial.

Cerba Research has successfully scaled our capacity during COVID and is able to rapidly onboard new sites as needed.



Can your partner laboratory reliably manage the logistics end-to-end?

Management of samples around the world, or even across Europe or the USA, is mission critical to any trial, even more so when dealing with labile and critical biospecimens

Based on our extensive experience shipping samples around the world, Cerba Research has an industry leading process of cold-chain management and specialized logistics to ensure sample integrity. Specifically:

- Bespoke sampling kit preparation
- Sample tracking and tracing with continual temperature monitoring
- Turnaround time linked to sample stability
- Cerba Research partners with and trains our premium courier network, ensuring specialist support is available 24 hours a day, 365 days a year
- ADR and IATA certified.

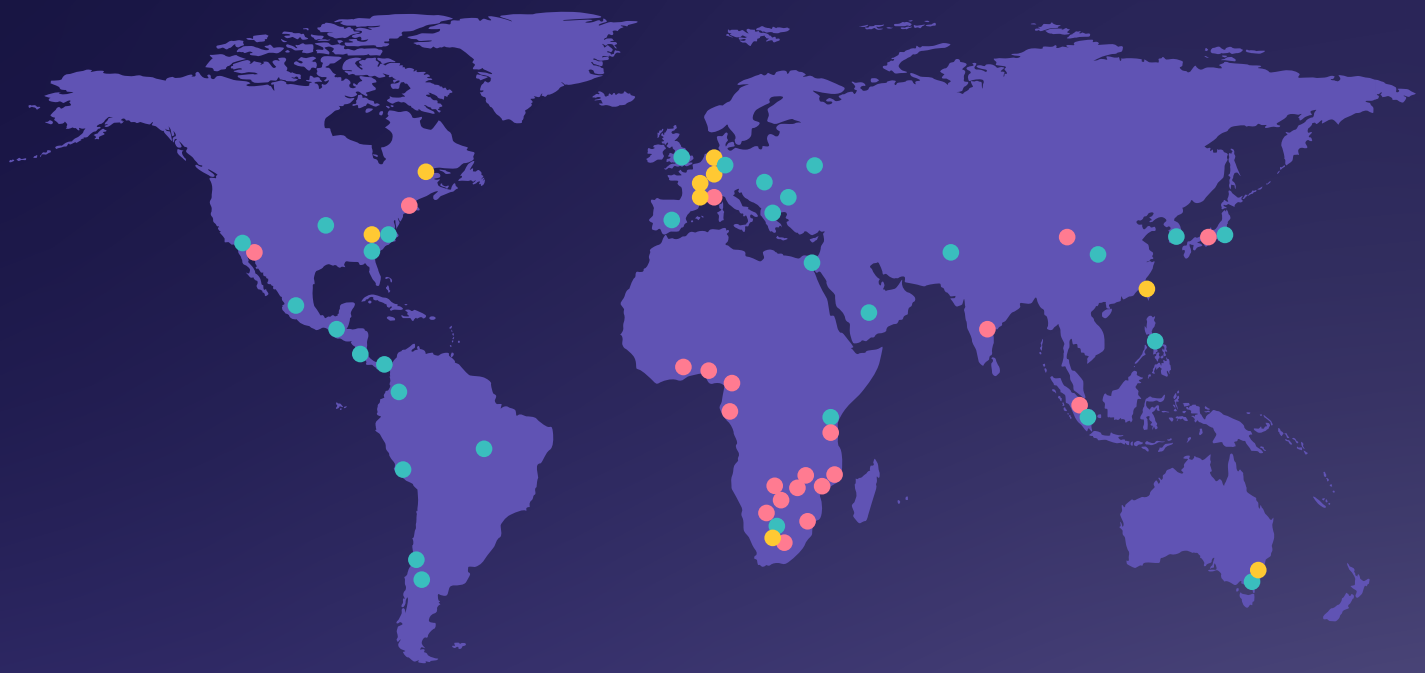
How many countries are you working across?

Are you looking at ‘non-traditional regions’ outside of North America & Europe?

- Research & partner labs
- Pre-processing labs
- Office locations and technical platforms

Regarding the geographic coverage required, Cerba Research has brought together a network of laboratories spanning the globe, covering North America, Latin America, Europe, Africa, Asia Pacific, including China.

We will work with you to create a bespoke solution to manage the logistics of your trial; be it creation of sample kits that can be readily and reliably transported to appropriate facilities or working with you to source new laboratories close to your test sites. We have robust processes to onboard laboratory partners worldwide, according to your sample’s source location, ensuring fragile samples are rapidly collected and processed, to retain their integrity. We will have new sites PBMC ready in line with your trial expectations.



Europe

- Belgium
- France
- Germany
- Italy
- Netherlands
- Russia
- Serbia
- Spain
- Turkey
- UK
- Ukraine

Africa

- Ghana
- Kenya
- Malawi
- Rwanda
- South Africa
- Tanzania
- Uganda
- Zimbabwe

North America

- Long Island (NY)
- Montreal (QC)
- New Jersey (NJ)
- Richmond (CA)
- San Diego (CA)

South America

- Argentina
- Brazil
- Chile
- Colombia
- Peru

Asia Pacific

- Australia
- China
- India
- Japan
- Pakistan
- Philippines
- Singapore
- South Korea
- Taiwan
- Vietnam

Central America

- Costa Rica
- Guatemala
- Mexico
- Panama

Middle East

- Israel
- Saudi Arabia

Sample integrity is paramount, and at Cerba Research we ensure our harmonized and robust methods provide an uncompromising approach on high-quality standards for your PBMC samples.

All our processing labs are accredited to the relevant local laboratory accreditation, including:

CAP ICH:GCP GCLP ISO17025/15189

We ensure compliance with your needs with strict quality control and collaborator training monitoring.





With 7 days a week and 24-hour coverage, your PBMC samples are safeguarded.

We provide a global help desk to respond to any of your queries regarding your PBMC samples.

With Cerba Research, you are sure to benefit from:

- Prompt response to solve your queries from sites, couriers & processing laboratories from dedicated PBMC experts
- Toll-free numbers
- Escalation of your queries to clinical trial operations leadership
- A pro-active approach with shipment monitoring and query resolution

Your PBMC samples deserve tailored processing and handling, Cerba Research makes sure they receive them.

What data are you looking to generate from your PBMC?



When looking at the laboratory partner for your PBMC processing, approaching potential partners with the end in mind, it is important to ensure that you will be able to generate the data you need in the future.

Cerba Research has brought together Specialty & Central Laboratories, combining the best of both worlds into a single company. For PBMC, this means you can be confident that we will consider your needs holistically and ensure that the solution provided will be guaranteed to support all downstream needs.

With a comprehensive portfolio of specialty testing, including immunogenicity testing, next generation flow cytometry, DNA/RNA sequencing, and subsequent downstream bioanalysis, Cerba Research can support all your laboratory needs for your research, pulling the elements you require together into a single bespoke package.

Interested in how we can shape your laboratory strategy for better outcomes?

Get in touch today and see how Cerba Research will support your next program.

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