Partner with CAU

Huscience

ISO 17025 & CAP-accredited Lab



CAP ACCREDITED COLLEGE of AMERICAN PATHOLOGISTS

ilac-MRA

KOLAS KOREA LABORATORY ACCREDITATION SCHEME TESTING NO.KT121S

Internationally Accredited Central Lab

Huscience

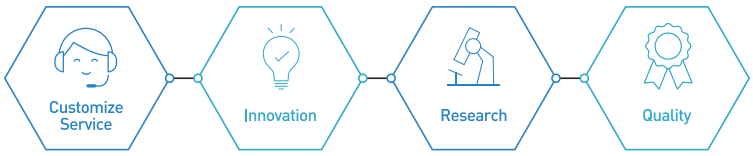
Huscience is a GCLP-certified and internationally accredited central laboratory specialized in the bioanalysis of large and small molecules. Since our establishment, we have accelerated hundreds of clinical trials in Korea and abroad. Our scientific expertise and state-of-the-art analytical instrumentation offer high bioanalytical quality and tailor-made services to accelerate our customers' clinical trials. As a trusted bioanalytical partner in clinical trials, we provide uncompromising quality that you can count on.

Mission and Core Values

Huscience

MISSION

"Customer satisfaction"



Core Service

Bioanalytical Services for Clinical Trials

· Bioanalytical Testing

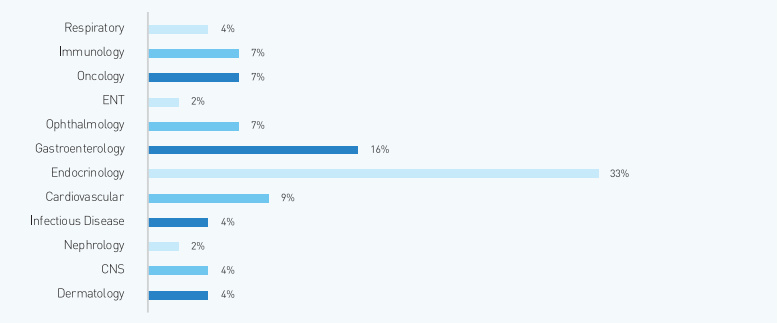
- PK & PD
- ADA/Nab
- Flow Cytometry
- PBMC isolation & cryopreservation

· Safety Testing

- Clinical panel & infectious disease serology
- Hematology and coagulation assay
- Urinalysis
- Glycated hemoglobin assay

· Customer-Specific Analysis Development

Our Experience in Various Clinical Areas



Accrediation & Certificates

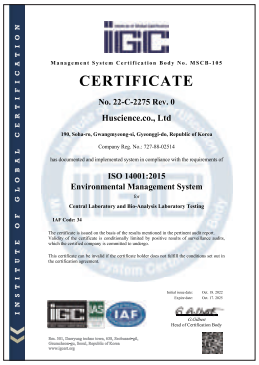


College of American Pathologists



ISBER (PBMC, DNA, RNA)

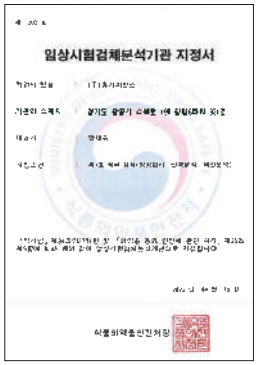




ISO 9001/14001



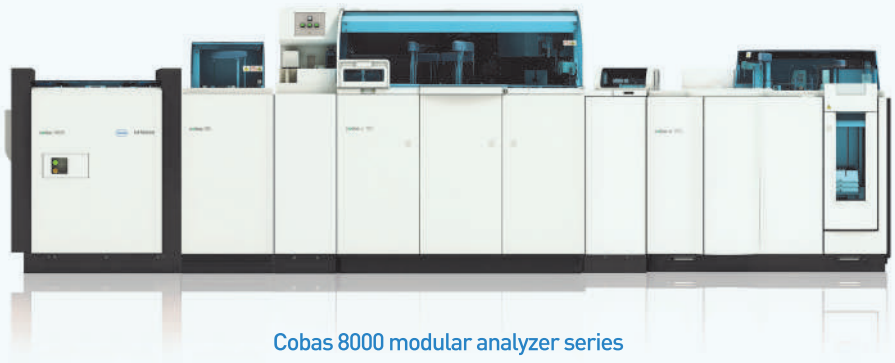
ISO 17025



MFDS-GCLP Certification

Huscience
Bioanalysis Instruments

· For Safety Testing



Cobas 8000 modular analyzer series



CS-1600



UC-3500



XN-3100



HLC 723 G11

· For Bioanalytical Testing



Luminex 200



EPOCH



MSD MESO QuickPlex



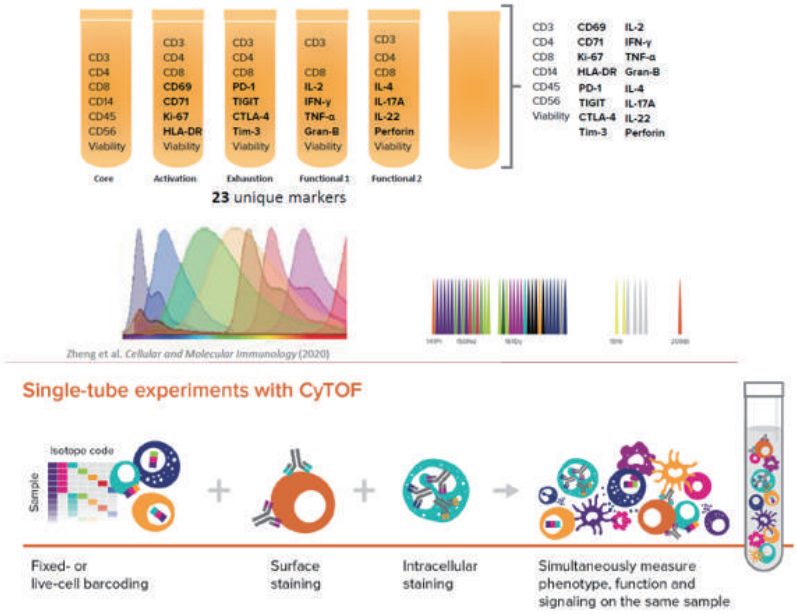
CyTOF-XT



Single-Cell Profiling Analysis with CyTOF-XT

A key distinction of the CyTOF-XT is its utilization of lanthanides, heavy metal ion tags, in place of traditional fluorochromes, which effectively mitigates autofluorescence. This advanced feature facilitates superior signal separation, thereby minimizing signal variability and enhancing the accuracy of analysis. As a mass cytometry platform, CyTOF-XT enables simultaneous analysis of multiple cell markers, both surface and intracellular, from a single sample tube.





Cold Chain Packaging



Pallet Packagings for 2~8℃, 15~25℃, -15~-25℃, -80℃



VIP Packagings for 2~8℃, 15~25℃, -15~-25℃, -80℃



EPS Packagings for 2~8℃, 15~25℃, -15~-25℃, -80℃



Sample Transportation Packagings for 2~8℃

Early Assembly

Portable and Light

40+ Hour Temperature Control

Huscience

a leading central laboratory service provider in Korea



Laboratory Testing

- Method Development & Validation
- Safety testing
- Bioanalytical testing
- Customer-specific analysis



Project Management

- Study-specific bioanalytical service
  - Study-specific laboratory manuals and instructions
  - Sample Collection kits
  - Reporting
  - EDA (Electronic Data Agreement)
- Dedicated project manager(s) for each study
- Real-time query resolution service
- Multilingual help desk services



Sample Management

- Chain of custody : Sample labelling, receipt, and storage
- Sample storage and temperature monitoring using temperature data loggers
- Sample transportation to third-party facilities, both domestically (within Korea) and internationally



HSMS (HuScience Management System)

: Huscience's unique system available in web and mobile versions

- Real-time confirmation of analysis results
- Enrollment status for each study site
- Sample request and pickup confirmation
- Sample collection kit request and delivery confirmation
- Site notification



Cold chain Biologistics

- Domestic and international biotransport services
- Utilization of certified biotransport boxes and temperature data loggers
- Real-time internal temperature monitoring



Quality Assurance

- QA program
- Adherence to rigorous EU, FDA, and GCLP (KMFDS) guidelines, as well as internal policies and SOPs



Data Management

- Single integrated database management
- Electronic Data Transfer (EDC-API linked)
- 21 CFR Part 11 – compliant reporting technology

Workflow

01

Contract Conclusion

- Budgeting
- Protocol Review
- Planning
- Audit response
- Contract Management

02

Establishment of management systemper the study

- Project specific Lab Information System (HuLIS)
- Lab Instruction Manual
- Visit-specific Kit & Supplies
- On-site training

03

Sample collection & Delivery management

- Testing Schedule management
- Local / Global logistics management

04

Analysis

- Quality management

05

Result Report

- Lab report by web site
- Electronic Data Transfer (EDT) management

06

Follow-up management

- Biorepository
- Document archiving