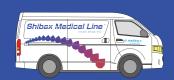
Transportation Service

Specialist Transportation Vehicle



Service name: Shibax Medical Line Service name: Shibax Crystal Line

Dry ice storage container



Transport of frozen cells is possible.

Import and Export



Transport materials overseas by air is also possible with a specifically designed box. Please contact us for more details.

Clients using our service

Universities, Pharmaceutical companies, medical institutions, Research Institutions, cell Manufacturer.

The progress of medical logistics

PHASE 1

Shibax Crystal Line started a dedicated service for protein crystals.



PHASE 2 Succeeded in

transporting iPS cell transportation

PHASE 3 Shibax Medical Line started a dedicated

service.



Realize transports of iPS cell-derived stem





Build a transport system

of a product

development support

tool for regenerative

Experiment stage

Clinical Research stage

Treatment stage

2012

Regenerative medical

logistics service 1.0

crystals using a constant

vibration control system

Established transport

method for protein

temperature and

2014

Regenerative medical

logistics service 2.0

crystals delivery

service.

2016

2018

Regenerative medical logistics service 3.0

Applied previous protein Started Livecel Trans service (cell transport knowledge to create an service) in cooperation iPS cells delivery with ReproCell (a bio venture).

Regenerative medical logistics service 4.0

Started transporting development support tools from cell manufacturer facilities to clinical laboratories and hospitals.

We are movina forward

ShibaMata

ISO9001 Certification Profesional Medical Logistics

SHIBAMATA TRANSPORT Co., Ltd.

http://www.shibaxmedicalline.com/

Tokyo

TEL.048-666-3966 FAX.048-666-4419

Second Bld.4F-B,3-306-1 Miyaharacho, Kita-ku Saitama-shi, Saitama, 331-0812, Japan

Osaka

TEL.06-6748-9700 FAX.06-6748-9701

3-9-5, Honjo Nishi, Higashiosaka-shi, Osaka, 578-0965, Japan

We have joined in several medical industry associations.

The world's first medical delivery service

"Live" cell transport

Shibax Crystal Line Shibax Medical Line



We will support research and development of drug discovery and regenerative medicine with our transportation service





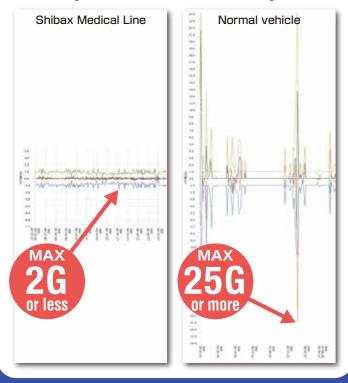
We have the world's first service for safe and reliable transport of tissues, delicate protein crystals and stem cells such as iPS cells and ES cells using customized vehicles.

Vibrations reduction technology

We use specialist vehicles with firmly fixed incubators on anti-vibration tables (equipment).



(Result of a vibration test)



Constant Temperature Controlled environments/technology

Multiple incubators that can set constant temperature from 37°F to 140°F (3 $^{\circ}$ C to 60 $^{\circ}$ C) are available, which makes it possible to set multiple temperature zones at once.



Maintain the concentration of Co2 at 5%.

It is possible to maintain 5% of Co2 concentration during delivery, using a special container.



Transport 1 0 90

Protein crystals

live

Pharmaceutical low molecular live

iPS Cells

live frozen

live

live

live

10°C B

iPS myocardial cell

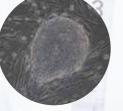
iPS hepatocyte

Hepatocyte

Animal Cells frozen

A transport test IPS cells before and after delivery.
The results was that the cells were identical.
A transport test outcome of undifferentiated iPS cells.





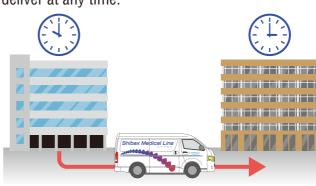
Cell Culture after delivery

In the result of dyeing ALP as undifferentiation markers, the cells could be similarly dyed under the both condistions, and ALP positivity could be confirmed.

Researched with REPROCELL Co.,Ltd.

Delivery time can be specified

Chartered vehicles are available to pick-up and deliver at any time.



Nationwide Delivery (Japan)

Our services focuses on the Kansai (Osaka and Kobe) and Kanto(Tokyo and Yokohama) regions. However nationwide coverage is available.



Confidential service

Well-trained drivers who are knowledgeable about confidentiality and producing quality handling record.



Misdelivery prevention technology

We guarantee the safe delivery of materials, using our barcode reading management system.



By attaching a seal to the incubator, unopened condition can be confirmed on delivery.