

CELLBOX™

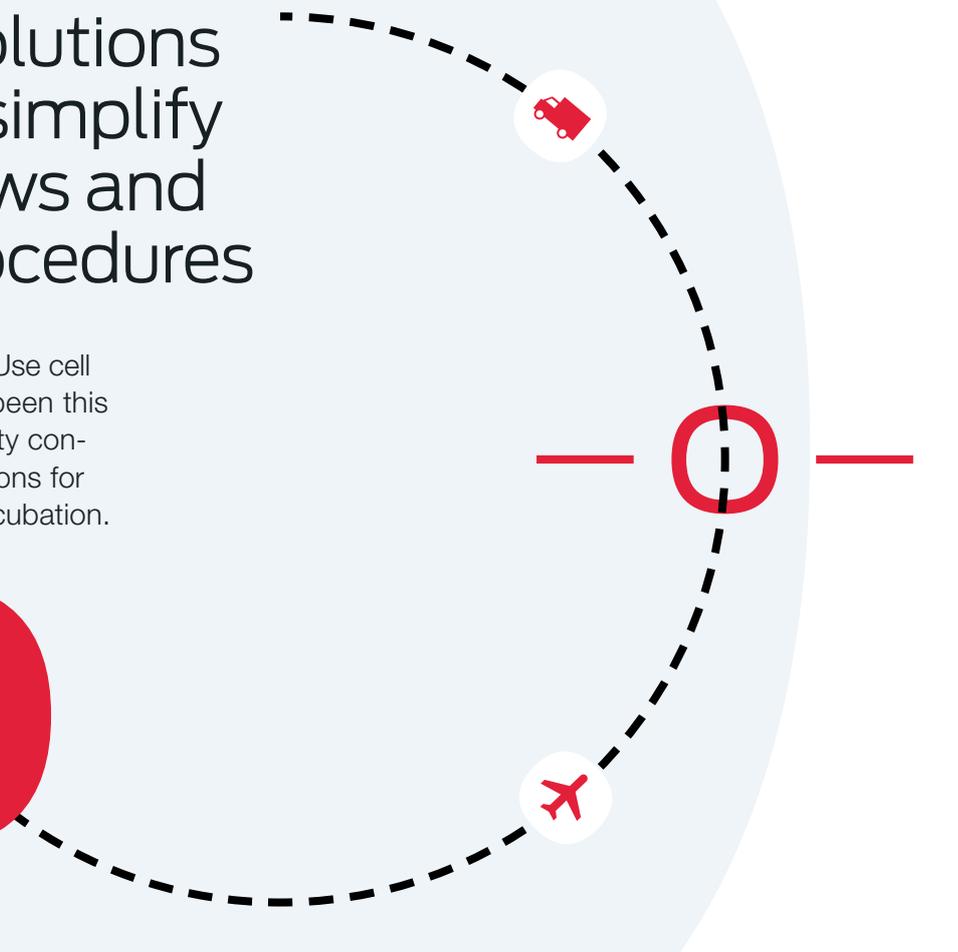
What You  
Ship Is What  
You Get



# Packaging solutions designed to simplify your workflows and transport procedures

Sharing and sending Ready-to-Use cell and tissue cultures has never been this easy. We offer the highest quality consumables and packaging solutions for both stationary and portable incubation.

WHAT  
YOU SHIP  
IS WHAT  
YOU GET.





# Cellbox Solutions Packaging

## Nanny

The complete leakproof and gas permeable packaging solution for culturing and shipping in 24/96/384 multiwell plate formats.



## Breathy

Leakproof and gas permeable secondary packaging material available in two sizes to combine with your own cell culture vessels.



# Just Keep Breathing

1

## What do we offer?

A CO<sub>2</sub>-permeable solution to transport cell cultures in leakproof packaging. Includes primary disposables, secondary packaging and all accessories and labels required to comply with IATA and ADR regulations.

2

## What is it used for?

Compatible with transport applications where cell and tissue cultures need to be shipped under standard laboratory incubation conditions. Can also be used in stationary incubators for an extra safety layer against contamination.

3

## What is the benefit?

- No leakage
- No contamination or cross contamination
- Easy handling
- Fully gas permeable
- Compatible with many standard footprint lab consumables

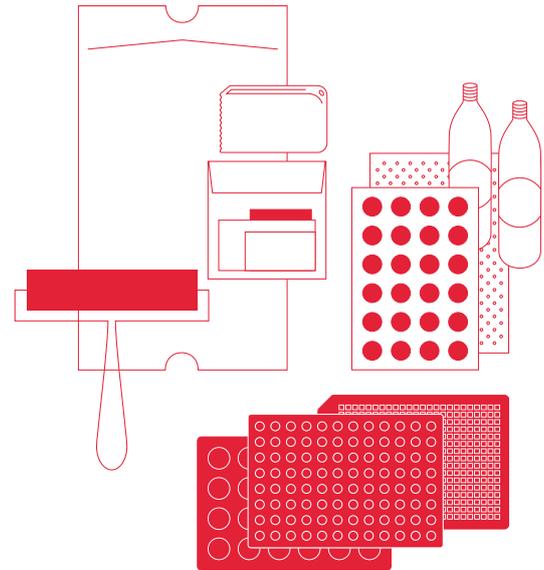


# Nanny Kits

SEED IT.  
SEAL IT.  
SHIP IT.

## CBS Nanny 24/96/384-Well Kits

The CBS **Nanny** multiwell plates are designed for the safe transport of fragile cells and smaller tissue samples. The kit contains multiwell plates, uniquely designed seals, CO<sub>2</sub> permeable safety pouches, absorbent material and relevant shipping labels - everything you need to ship your samples with confidence!



# Core Components

## **Nanny 24/96/384-Well Plates**

- TC treated sterile plates with lids
- Clear-bottom for optical imaging applications
- Ultra-pure polystyrene, polished for exceptional photometric performance
- Opaque walls with no well-to-well crosstalk

## **CBS CO<sub>2</sub> Permeable Safety Pouch**

- Robust leakproof gas-permeable pouch
- Mullen burst test via ASTM D774: 1,227 kPa
- Porosity-Bendtsen via ISO 5636-3: 420 ml/min
- Safely heat-sealable 120-125°C II 1-2 sec

## **Nanny 24/96/384-Well Plate Seals**

- Adhesive leakproof polyester seal
- Adhesive only applies to well edges
- Gas permeability rate: 600 cm<sup>3</sup>/(m<sup>2</sup> x d x bar)
- Moisture vapor transmission rate: 1 g/(m<sup>2</sup> x day).

## **CBS Absorbent Material**

- Two layers of pulp
- Integrated super absorber granules
- Size: 150 x 210 mm
- Absorption capacity for water: 350 ml



# CBS Nanny Starter Kits Flight



No	CBS Nanny 24-Well Kit SF
100000150	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 24-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 24-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Hazardous Goods Sticker UN1845
	1 x CBS Seal Applicator

No	CBS Nanny 96-Well Kit SF
100000151	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 96-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 96-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Hazardous Goods Sticker UN1845
	1 x CBS Seal Applicator

No	CBS Nanny 384-Well Kit SF
100000152	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 384-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 384-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Hazardous Goods Sticker UN1845
	1 x CBS Seal Applicator



# CBS Nanny Large Kits Flight

No	CBS Nanny 24-Well Kit LF
10000156	50 x CBS Absorbent Material Small
	50 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	48 x CBS 24-Well Plate
	50 x CBS CO <sub>2</sub> Permeable Seal for 24-Well Plate
	10 x Sticker UN3373
	10 x Hazardous Goods Sticker UN3481
	10 x Hazardous Goods Sticker UN1845
	10 x Sticker Dry-Ice as Conditioner
	1 x CBS Seal Roller

No	CBS Nanny 96-Well Kit LF
10000157	50 x CBS Absorbent Material Small
	50 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	48 x CBS 96-Well Plate
	50 x CBS CO <sub>2</sub> Permeable Seal for 96-Well Plate
	10 x Sticker UN3373
	10 x Hazardous Goods Sticker UN3481
	10 x Hazardous Goods Sticker UN1845
	10 x Sticker Dry-Ice as Conditioner
	1 x CBS Seal Roller

No	CBS Nanny 384-Well Kit LF
10000158	50 x CBS Absorbent Material Small
	50 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	48 x CBS 384-Well Plate
	50 x CBS CO <sub>2</sub> Permeable Seal for 384-Well Plate
	10 x Sticker UN3373
	10 x Hazardous Goods Sticker UN3481
	10 x Hazardous Goods Sticker UN1845
	10 x Sticker Dry-Ice as Conditioner
	1 x CBS Seal Roller



# CBS Nanny Starter Kits Ground

No	CBS Nanny 24-Well Kit SG
100000153	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 24-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 24-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Sticker CO <sub>2</sub> as Conditioner
	2 x CBS CO <sub>2</sub> Cartridge
	1 x CBS Seal Applicator

No	CBS Nanny 96-Well Kit SG
100000154	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 96-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 96-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Sticker CO <sub>2</sub> as Conditioner
	2 x CBS CO <sub>2</sub> Cartridge
	1 x CBS Seal Applicator

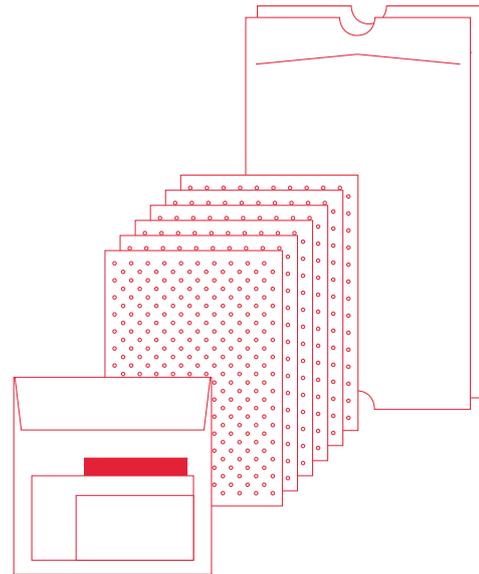
No	CBS Nanny 384-Well Kit SG
100000155	5 x CBS Absorbent Material Small
	5 x CBS CO <sub>2</sub> Permeable Safety Pouch Small
	5 x CBS 384-Well Plate Individually Packed
	10 x CBS CO <sub>2</sub> Permeable Seal for 384-Well Plate
	2 x Sticker UN3373
	2 x Hazardous Goods Sticker UN3481
	2 x Sticker CO <sub>2</sub> as Conditioner
	2 x CBS CO <sub>2</sub> Cartridge
	1 x CBS Seal Applicator

# Breathy Kits

CULTURE IT.  
BAG IT.  
SHIP IT.

## CBS Breathy Kits

The CBS **Breathy** Kits are designed for the transport of cell and tissue samples under leakproof and gas-permeable conditions. The kit contains safety pouches that are CO<sub>2</sub> permeable and absorbent pads to decrease the risk of cross contamination. The kits are available in two sizes, ensuring that any T-flask or other primary vessel that fits in the Cellbox incubation chamber can be safely packaged.



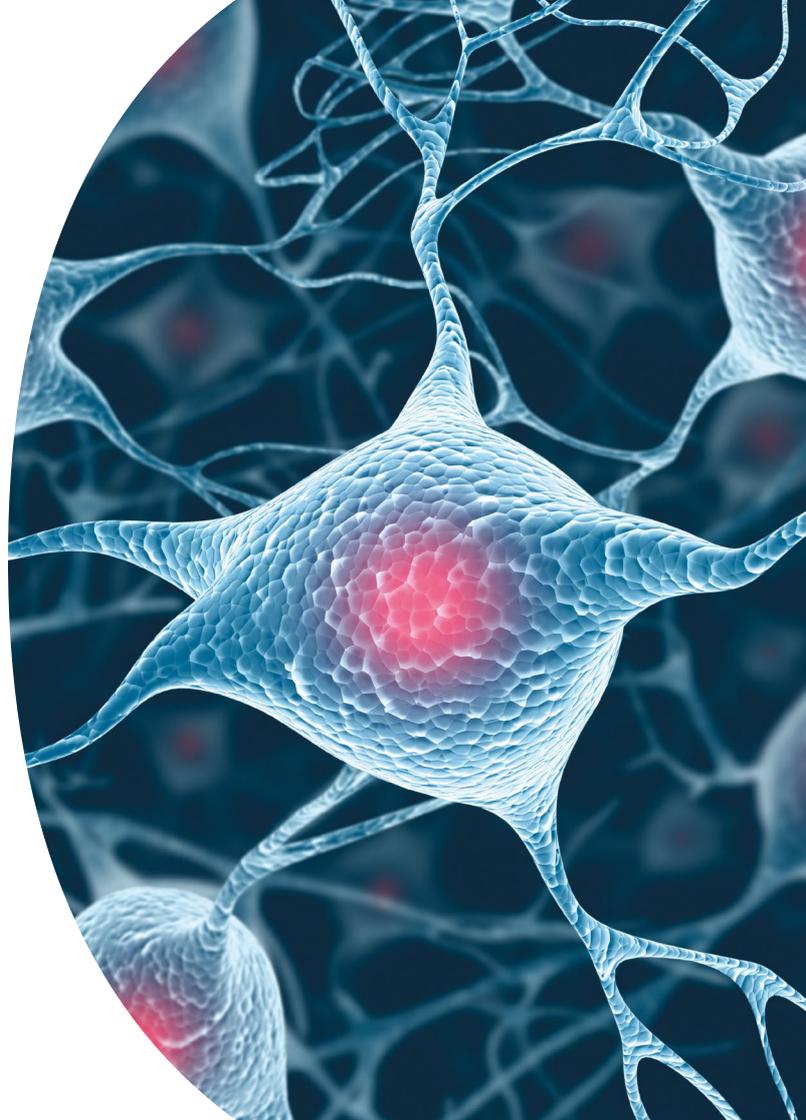
# Core Components

## **CBS CO<sub>2</sub> Permeable Safety Pouch**

- Robust leakproof gas-permeable pouch
- Mullen burst test via ASTM D774: 1,227 kPa
- Porosity-Bendtsen via ISO 5636-3: 420 ml/min
- Safely heat-sealable

## **CBS Absorbent Material**

- Two layers of pulp
- Integrated super absorber granules
- Size: 150 x 210 mm
- Absorption capacity for water: 350 ml





# CBS **Breathy** Kits Flight

No

## CBS **Breathy** Small Kit SF

10000162

- 5 x CBS Absorbent Material Small
- 5 x CBS CO<sub>2</sub> Permeable Safety Pouch **Small**
- 2 x Sticker UN3373
- 2 x Hazardous Goods Sticker UN3481
- 2 x Hazardous Goods Sticker UN1845
- 2 x Sticker Dry-Ice as Conditioner

No

## CBS **Breathy** Large Kit SF

10000164

- 5 x CBS Absorbent Material Small
- 5 x CBS CO<sub>2</sub> Permeable Safety Pouch **Large**
- 2 x Sticker UN3373
- 2 x Hazardous Goods Sticker UN3481
- 2 x Hazardous Goods Sticker UN1845
- 2 x Sticker Dry-Ice as Conditioner

## CBS **Breathy** Small Kit LF

10000167

- 50 x CBS Absorbent Material Small
- 50 x CBS CO<sub>2</sub> Permeable Safety Pouch **Small**
- 10 x Sticker UN3373
- 10 x Hazardous Goods Sticker UN3481
- 10 x Hazardous Goods Sticker UN1845
- 10 x Sticker Dry-Ice as Conditioner

## CBS **Breathy** Large Kit LF

10000168

- 50 x CBS Absorbent Material Small
- 50 x CBS CO<sub>2</sub> Permeable Safety Pouch **Large**
- 10 x Sticker UN3373
- 10 x Hazardous Goods Sticker UN3481
- 10 x Hazardous Goods Sticker UN1845
- 10 x Sticker Dry-Ice as Conditioner



# CBS **Breathy** Kits Ground



**Nº**

## CBS **Breathy** Small Kit SG

100000**163**

- 5 x CBS Absorbent Material Small
- 5 x CBS CO<sub>2</sub> Permeable Safety Pouch **Small**
- 2 x Sticker UN3373
- 2 x Hazardous Goods Sticker UN3481
- 2 x Sticker CO<sub>2</sub> as Conditioner
- 2 x CBS CO<sub>2</sub> Cartridge

**Nº**

## CBS **Breathy** Large Kit SG

100000**165**

- 5 x CBS Absorbent Material Small
- 5 x CBS CO<sub>2</sub> Permeable Safety Pouch **Large**
- 2 x Sticker UN3373
- 2 x Hazardous Goods Sticker UN3481
- 2 x Sticker CO<sub>2</sub> as Conditioner
- 2 x CBS CO<sub>2</sub> Cartridge

## CBS **Breathy** Small Kit LG

100000**167**

- 50 x CBS Absorbent Material Small
- 50 x CBS CO<sub>2</sub> Permeable Safety Pouch **Small**
- 10 x Sticker UN3373
- 10 x Hazardous Goods Sticker UN3481
- 10 x Sticker CO<sub>2</sub> as Conditioner
- 16 x CBS CO<sub>2</sub> Cartridge

## CBS **Breathy** Large Kit LG

100000**169**

- 50 x CBS Absorbent Material Small
- 50 x CBS CO<sub>2</sub> Permeable Safety Pouch **Large**
- 10 x Sticker UN3373
- 10 x Hazardous Goods Sticker UN3481
- 10 x Sticker CO<sub>2</sub> as Conditioner
- 16 x CBS CO<sub>2</sub> Cartridge

See our brief step-by-step guide on how easy it is to use our packaging solutions in combination with the Cellbox™ for a secure transport.

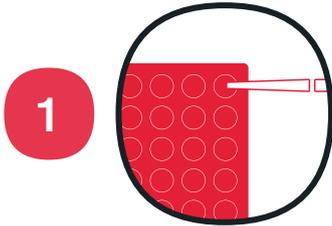
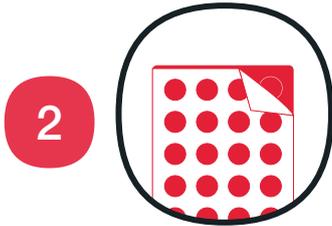
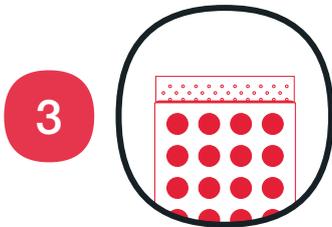


Plate the cells in the **Nanny**-plates under sterile conditions.

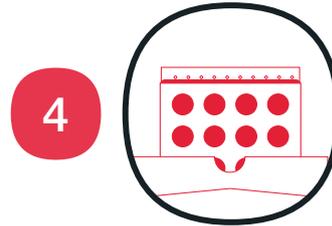
\*T-Flasks and many other cell culture consumables may also be combined with our **Breathy** kits.



Apply the seal carefully with the CBS Seal Applicator or the CBS Seal Roller.



Take the sealed plates or other consumables and place them in the CO<sub>2</sub> Permeable Safety Pouch together with the absorbent material before heat sealing.



Transfer the sealed safety pouch to the preconditioned Cellbox™.

Ensure that your Cellbox™ is prepared according to the preparation guidelines.



You can now safely ship your cells to any location worldwide and they arrive ready to use.



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[enquiries@cellbox-solutions.com](mailto:enquiries@cellbox-solutions.com)  
+49 (0) 40 883 67 85 3



Cellbox Solutions offers with its equipment portfolio a range of different portable and shippable incubators for different purposes and distances. Common to all products is a high resistance to environmental influences combined with very accurate control systems for temperature and CO<sub>2</sub>.

By maintaining environmental conditions within the incubation room in conjunction with the use of various sensors to characterize transport conditions, we are able to best ensure the integrity of the various cell products throughout transport.



[More Details](#)



## Benefits of live cell transport



- ➔ No pH-shift or use of metabolically active cryoprotectants
- ➔ No altered protein expression; no mechanic or osmotic stress
- ➔ Intelligently maintains internal environment for up to 32 hours
- ➔ High cell viability and accurate continuous data logging
- ➔ No freezing, no thawing - Cells arrive ready-to-use

