

ECOOL Box

TRANSPORT BOX FOR FRESH EXTENDED STALLION SEMEN



A GREENER
AND SAFE
JOURNEY FOR
YOUR DOSES

Ref. 028784

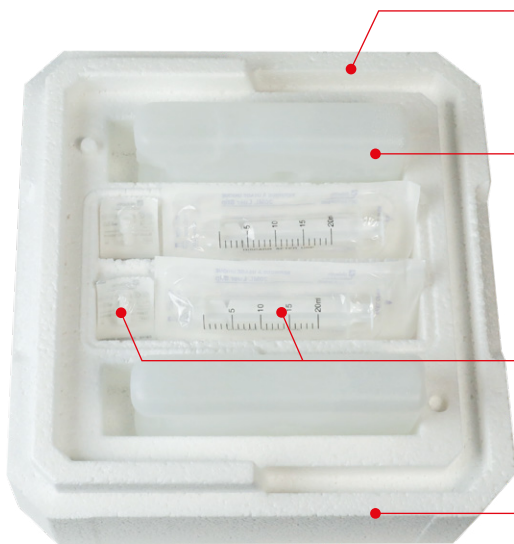


IMV TECHNOLOGIES. FOR LIFE.

ECOOL Box

All in one

Have all the equipment to ship your doses with the ECOOL Box



Eco-responsible

Raw material (rEPS from 100 % recycled material)



Modulate the temperature

- Eutectic 2x reusable and recyclable,
- Placed at +4°C and/or -20°C to be seasonal adaptable



Certified products

Syringes 2x & Caps sterile 2x, good quality non-toxic for semen

Ref. 024276



Secure your shipping

Seal your box using your delivery note and the dedicated notch.

Ref. 017313



Effective temperature isolation

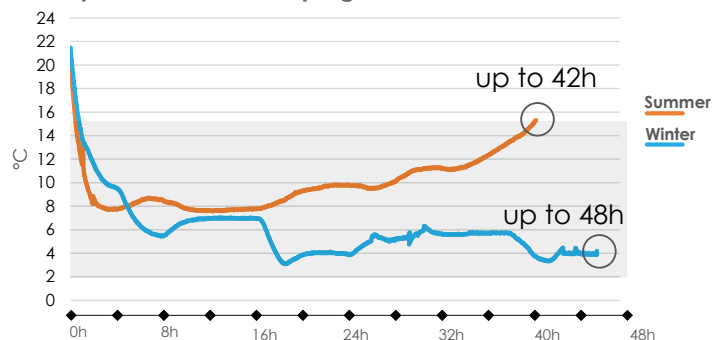
To maintain doses at an optimal temperature between +4°C and +15°C during the transport

☀ In Summer : up to 42h

❄ In Winter : up to 48h

+ Slow cooling at 0,13°C/min

Temperature inside the syringes

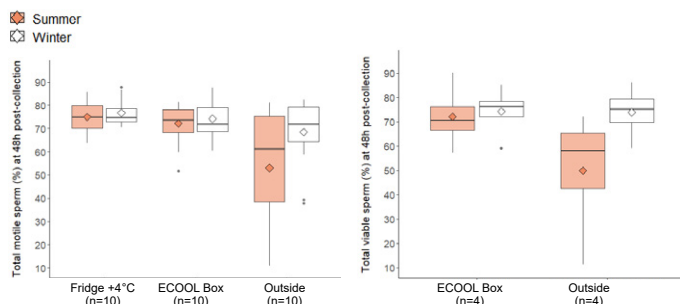


Priority on storage

Maintain the quality of your semen up to 48 h post-collection

With the ECOOL Box, **total semen motility is preserved after 48h post-collection**, as if it has been maintained at +4°C.

The ECOOL Box avoid the semen quality degradation observed at external temperature, especially in summer condition.



Materials and Methods :

- Semen diluted at 20M/mL into INRA96 extender (016441)
- Doses of 10 mL
- Stored under summer or winter condition
- Motility analysis were performed with an IVOSII CASA (024911)
- Viability assay were performed with the Easykit 1 (024708) and - Easyocyte flow cytometer.

At 48h post-collection	Fridge +4°C	ECOOL Box
Motile VAP (µm/sec)		
Summer (n=16)		
Mean (SD)	86.4 (9.01)	86.9 (9.17)
Winter (n=12)		
Mean (SD)	103 (13.4)	96.4 (10.6)