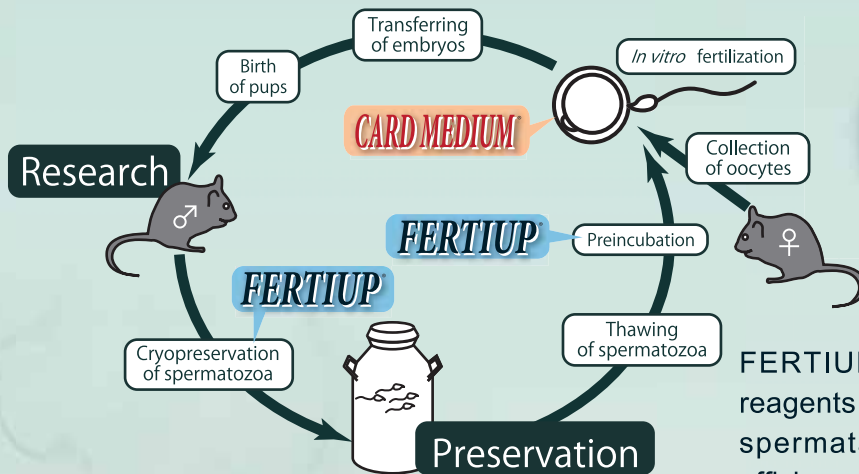


FERTIUP[®] Cryoprotectant Preincubation Medium

CARD MEDIUM[®]

Mouse *in vitro* Fertilization Medium

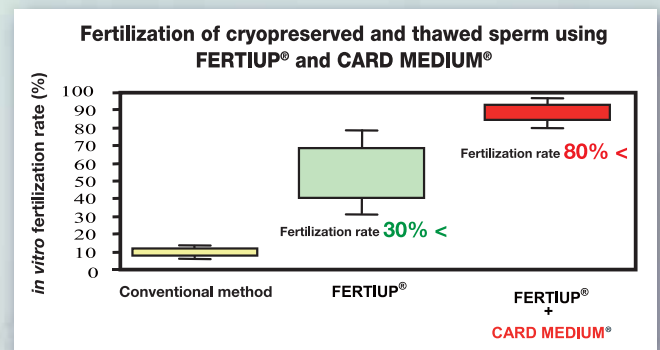
IVF Slump? FERTIUP[®] Will Get You Out!!



FERTIUP[®] and CARD MEDIUM[®] are valuable reagents to improve the recovery of frozen mouse spermatozoa and improve *in vitro* fertilization efficiency of laboratory mice.

Combined usage of FERTIUP[®] Cryoprotectant, FERTIUP[®] Preincubation Medium and CARD MEDIUM[®] Mouse Fertilization Medium offers the following benefits:

- Fertilization rates over 80%
- Improved management of transgenic mouse
- Reduction of labor, facilities and breeding costs
- Reduction of colony expansion time
- Efficient production in difficult breeding



Description	Cat. No.	Quantity	Storage
FERTIUP [®] Cryoprotectant: CPA	KYD-001-EX	1 mL	RT
	KYD-001-EX-X5	5 x 1 mL	RT
	KYD-001-05-EX	0.5 mL	RT
	KYD-001-05-EX-X5	5 x 0.5 mL	RT
	FERTIUP [®] Preincubation Medium: PM	KYD-002-EX	1 mL
FERTIUP [®] Preincubation Medium: PM	KYD-002-EX-X5	5 x 1 mL	4°C
	KYD-002-05-EX	0.5 mL	4°C
	KYD-002-05-EX-X5	5 x 0.5 mL	4°C
	CARD MEDIUM [®]	KYD-003-EX	1 kit
Kit includes 1 ampoule including medium (A), 1 vial including powder (B), a 1.5 mL plastic tube (C), a 1.5 mL plastic tube (D), a 2.5 mL disposable syringe, 1 needle, 1 filter unit (pore size: 0.22 μm)			
FERTIUP [®] PM 1ML-CARD MEDIUM [®] set	KYD-004-EX	1 set	4°C
FERTIUP [®] Preincubation Medium: PM (1 mL) x 1 vial, CARD MEDIUM [®] x 1 kit			
FERTIUP [®] PM 0.5ML-CARD MEDIUM [®] set	KYD-005-EX	1 set	4°C
FERTIUP [®] Preincubation Medium: PM (0.5 mL) x 1 vial, CARD MEDIUM [®] x 1 kit			

Great for IVF.

Use HyperOva® to obtain more ovulated oocytes.

Superovulation Reagent for mouse

CARD HyperOva®

Center for Animal Resources and Development

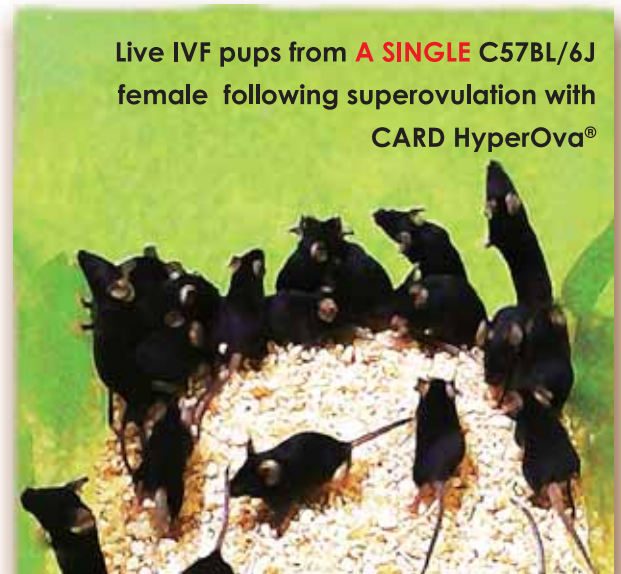
1 mL

Store at -80°C to -20°C
For research use only. Not for human or medicinal use.

Manufactured by KYUDO CO., LTD.

COSMO BIO

Cat. No. KYD-010-EX



- Approximately 100 oocytes can be collected from a single C57BL/6J mouse.
- Maximize IVF efficiency by using HyperOva® in conjunction with FERTIUP® Mouse Sperm Cryopreservation Media, FERTIUP® Mouse Sperm Preincubation Media, and CARD MEDIUM® mouse fertilization Medium.

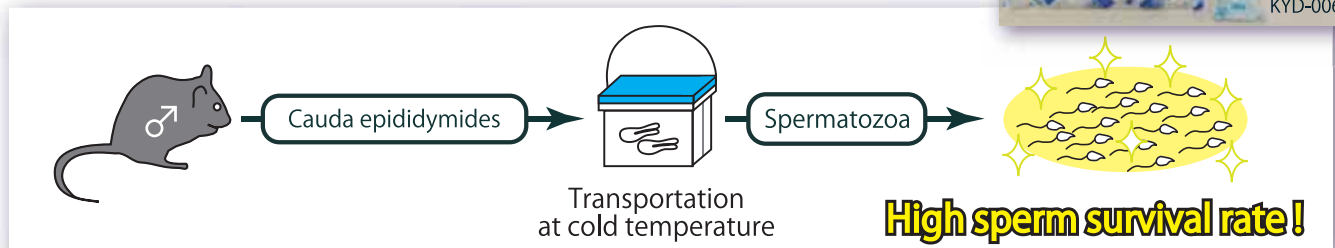
Description	Cat. No.	Quantity
CARD HyperOva®	KYD-010-EX	1 mL
	KYD-010-EX-X5	5x1 mL

Shipping: **Dry Ice** Storage: **-20°C**

CARD COLD TRANSPORT KIT

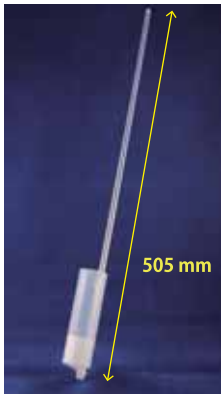
Specially designed for inexpensive and safe cold temperature transportation.

- Can reduce cost for transportation of live mice
- Can eliminate risk of mouse fatalities or escape during transportation
- Can prevent transmission of pathogens
- Valuable for the Rescue in vitro Fertilization Method for Legacy Stock of Cryopreserved Spermatozoa



Description	Cat. No.	Quantity
CARD Cold Transport Kit Foam transport box (1 box), Cold packs (4 large packs, 2 small packs), Thermos bottle (1 bottle), Paper box (1 box), Shock-absorbing material (1 piece)	KYD-006-EX	1 set
Cold storage solution for cauda epididymides	KYD-007-EX	1 set [200 µL x 5 vials]

FERTIUP® & CARD MEDIUM® peripheral products



Freezing Canister
KYD-S018



Straw Connector
KYD-S025



Triangular Cassette
Short
KYD-S021



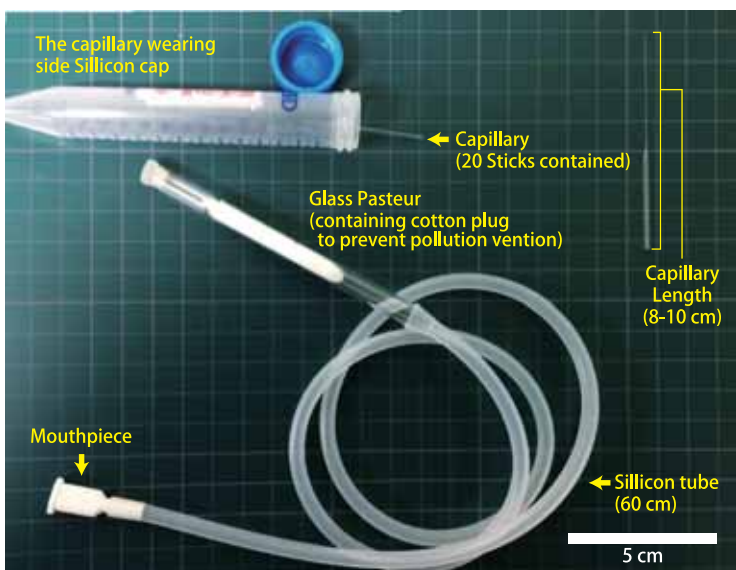
Triangular Cassette Long
KYD-S035



Sperm Straws
KYD-S020X10



Ampoule Opener
NEW-op1301-01



Embryo Manipulation Instrument Set KYD-S036



Touch Burner APT-3
PHD-APT3-EX



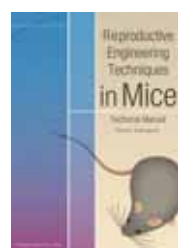
Poly Sealer 300mm
FUS-P-300



Poly Sealer 300mm with Cutter
FUS-PC-300

Description	Cat. No.	Quantity
Freezing Canister	KYD-S018	1 unit
Sperm Straws (10 pieces x 10 units)	KYD-S020X10	10 pcs
Triangular Cassette Short (10 units)	KYD-S021	10 units
Triangular Cassette Long (10 units)	KYD-S035	10 units
Straw Connector (5 parts included)	KYD-S025	1 pc
Embryo Manipulation Instrument Set	KYD-S036	1 set
Glass capillary 20PC	KYD-S037	1 set
Touch Burner APT-3	PHD-APT3-EX	1 unit
Poly Sealer 200 mm	FUS-P-200(120V) FUS-P-200(220V)	1 unit
Poly Sealer 200 mm with Cutter	FUS-PC-200(120V) FUS-PC-200(220V)	1 unit
Poly Sealer 300 mm	FUS-P-300(120V) FUS-P-300(220V)	1 unit
Poly Sealer 300 mm with Cutter	FUS-PC-300(120V) FUS-PC-300(220V)	1 unit
Ampoule Opener	NEW-OP1301-01	1 pc

Reproductive
Engineering Manual
Available



Contact us!
www.cosmobio.com

Vitrification / thaw / liquids and Medium For Mouse, Rat and Embryo Manipulation

For Mouse

Description	Application	Cat. No.	Quantity	Storage
HTF	<i>in vitro</i> fertilization	CSR-R-B070	10 x 2 mL	4°C
HTF	<i>in vitro</i> fertilization	CSR-R-B071	10 x 5 mL	4°C
mHTF	<i>in vitro</i> fertilization	KYD-008-02-EX	1 x 2 mL	4°C
mHTF	<i>in vitro</i> fertilization	KYD-008-02-EX-X5	5 x 2 mL	4°C
mHTF	<i>in vitro</i> fertilization	KYD-008-05-EX	1 x 5 mL	4°C
mHTF	<i>in vitro</i> fertilization	KYD-008-05-EX-X3	3 x 5 mL	4°C
KSOM	<i>in vitro</i> culture	CSR-R-B074	10 x 2 mL	4°C
KSOM	<i>in vitro</i> culture	CSR-R-B075	10 x 5 mL	4°C
mWM	<i>in vitro</i> culture	CSR-R-B080	10 x 2 mL	4°C
mWM	<i>in vitro</i> culture	CSR-R-B081	10 x 5 mL	4°C
0.25M sucrose	freeze-thawing	CSR-R-Y077	10 x 2 mL	4°C
0.25M sucrose	freeze-thawing	CSR-R-Y078	10 x 5 mL	4°C
1M DMSO	cryopreservation	CSR-R-T072	10 x 2 mL	4°C
DAP213	cryopreservation	CSR-R-T073	10 x 1 mL	4°C

For Rat

Description	Application	Cat. No.	Quantity	Storage
mR1ECM	<i>in vitro</i> culture	CSR-R-M174	10 x 5 mL	4°C
mR1ECM	<i>in vitro</i> culture	CSR-R-M191	10 x 2 mL	4°C

For Embryo Manipulation

Description	Application	Cat. No.	Quantity	Storage
M2	<i>in vitro</i> manipulation	CSR-R-M083	10 x 2 mL	4°C
M2	<i>in vitro</i> manipulation	CSR-R-M084	10 x 5 mL	4°C
PB1	<i>in vitro</i> manipulation	CSR-R-P138	10 x 5 mL	4°C
PB1	<i>in vitro</i> manipulation	CSR-R-P185	10 x 2 mL	4°C
P10	cryopreservation	CSR-R-P186	10 x 2 mL	4°C
PEPeS	cryopreservation	CSR-R-P187	10 x 1 mL	4°C

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