

Cell fusion

LF497 series

Large volume chamber electrode



LF497P2

How to read catalogue no

LF497 P 1

distance between electrodes

electrode material: platinum coating

* A unit of distance is mm

LF500 series

Gold wire electrode (for trial use)



LF500G1

How to read catalogue no

LF500 G 1

distance between electrodes

electrode material: platinum coating

* A unit of distance is mm

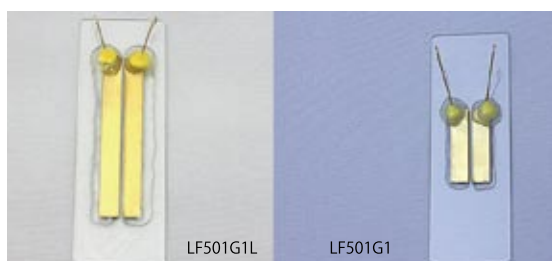
S E R I E S	Cat no	L x W x H
	LF497P1	80mm x 1mm x 5mm Volume : 0.4ml
	LF497P2	80mm x 2mm x 5mm Volume : 0.8ml
	LF497P3	80mm x 3mm x 5mm Volume : 1.2ml
	LF497P4	80mm x 4mm x 5mm Volume : 1.6ml

Series		
LF500G0.5	LF500G1	LF500G2
* Including three pieces per each		

A chamber can be observed by stereo microscope during operation as a bottom of a chamber is a microslide.

LF501 series

Gold block electrode



LF501G1L

LF501G1

How to read catalogue no

LF501 G 1 L

length of block Standard: 20mm
L (Long type) : 50mm

distance between electrodes

electrode material: platinum coating

* A unit of distance is mm

S E R I E S	Cat no	L x W x H
	LF501G0.5	20mm x 0.5mm x 0.5mm Volume : 5µl
	LF501G1	20mm x 1mm x 0.5mm Volume : 10µl
	LF501G2	20mm x 2mm x 0.5mm Volume : 20µl
	LF501G0.5L	50mm x 0.5mm x 0.5mm Volume : 12.5µl
	LF501G1L	50mm x 1mm x 0.5mm Volume : 25µl
	LF501G2L	50mm x 2mm x 0.5mm Volume : 50µl

A chamber can be observed by stereo microscope during operation as a bottom of a chamber is a microslide.

LF499L

Clear box for sample protection



Compatible with LF497 series

Advantages of electro cell fusion

1. No damage is caused as toxic substances are not used
2. No complex preparation is required
3. Neither expertise nor skill is required
4. High-through put process is possible

Oocyte activation

LF5000 series

Platinum wire electrodes on petridish



Somatic nuclear transfer

LF5100 series

Needle electrode



How to read catalogue no

LF5000 P 1

distance between electrodes

electrode material: platinum coating

* A unit of distance is mm

Series

LF5000P0.5 LF5000P1 LF5000P2

How to read catalogue no

LF5100 - 100

diameter of electrode tip

* A unit of diameter is μm

Series

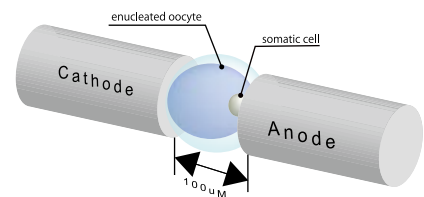
LF5100-10	LF5100-25	LF5100-50
LF5100-100	LF5100-150	

See Application 15

Advantage of LF5000 series

1. Able to check the condition of an egg visually prior to fusion
2. Dose not need the alternative current (AC) for compression of an oocyte and donor cell as they are compressed by a pair of needle physically.
3. Able to work efficiently as dozens of eggs are prepared in a petridish
4. Dose not require high voltage (200-300V) but only voltage around 50V as the distance between electrodes is short

Somatic cell nuclear transfer



Accessories & cables

D210

Footswitch



For LF101

D200

Footswitch



For LF301

D116

BNC terminal connector cable



For LF101

D115CB

Connector cable



For LF301

D117

Hook cable



Compatible with D116 • D115CB

* Product specifications are subject to change without notice