

# 04

## BIOLOGICAL CULTURE VESSEL

© Petri Dish	REF: 161	34-35
© Multi Well Plate	REF: 162	36-37
© Detachable ELISA Plate & Deepwell Plate	REF: 163 / 164	38
© Cell Culture Flask & Serum Bottle	REF: 165 / 166	39
© Inoculating Loops	REF: 167	40
© Cell Spreader / Cell Scraper / Lifter	REF: 168 / 169	41



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# ICONS

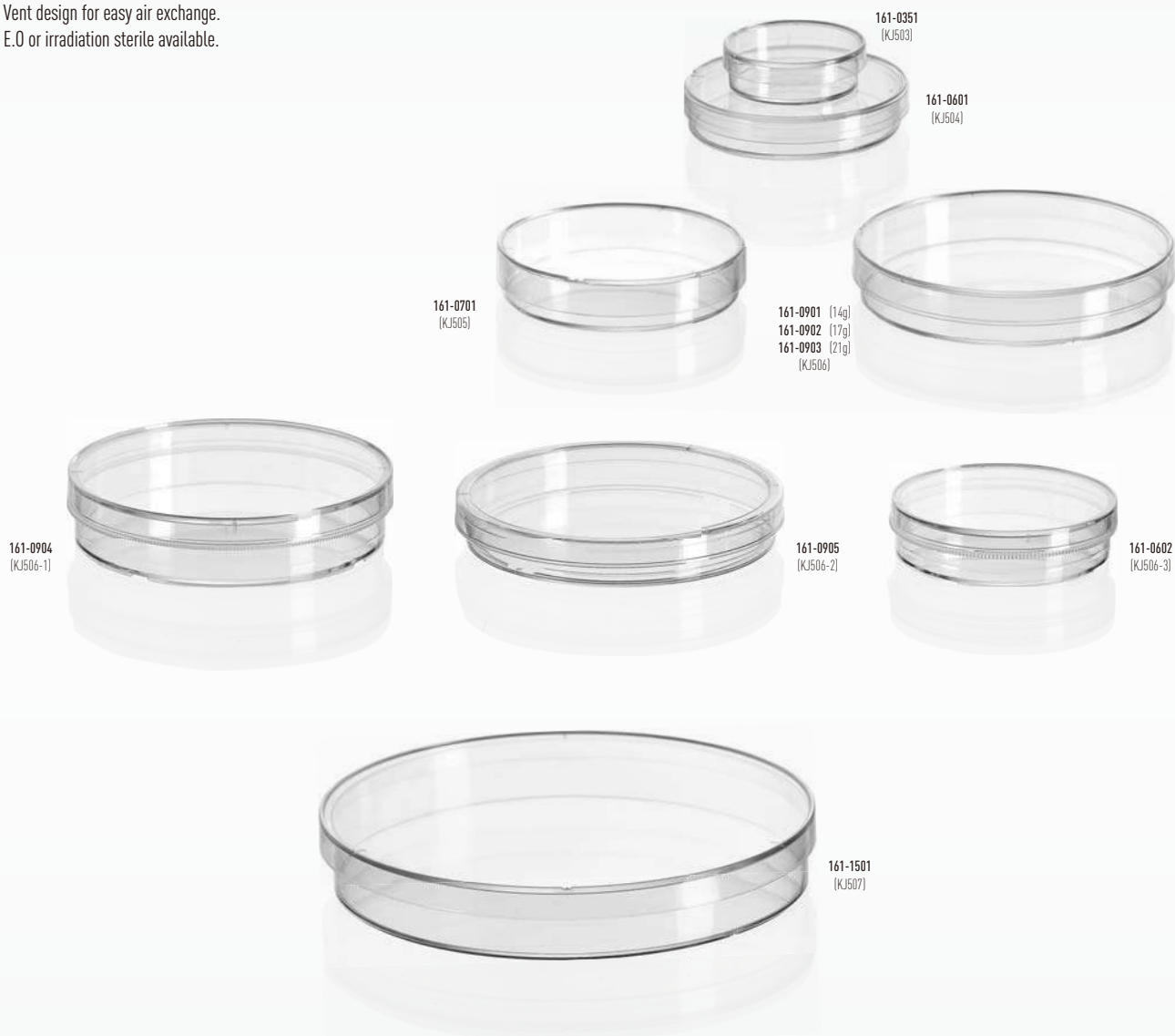
	Code No.		Qty in bag
	Material		Qty in box
	Volume capacity		Qty in case for glass tube
	Additive		Qty in case for PET tube
	Drop volume		Qty in case
	Outer dimension		Sterile by irradiation
	Colour		Sterile by ethylene oxide
	Specification		Detailed information
	Temperature range		






# MATERIALS

PE =	Polyethylene	COC =	Cycloolefin copolymers
PET =	Polyethylene terephthalate	HIPS =	High impact polystyrene
HDPE =	High Density Polyethylene	TPE =	Thermoplastic Elastomer
LDPE =	Low Density Polyethylene	GPPS =	General purpose polystyrene
PP =	Polypropylene	PC =	Polycarbonate
PS =	Polystyrene	P.O.M. =	Polyoxymethylene
PVC =	Polyvinyl chloride		
ABS =	Acrylonitrile Butadiene Styrene		

## Petri Dish

- ⦿ Made of high transparency medical grade PS material, Used for fungus, bacteria and other microorganism culture.
- ⦿ Superior production technique makes the dish thickness uniform. The dish bottom is smooth and clean without deformation, which makes the quantitative analysis more precise.
- ⦿ Easy to stack up with the stack up circle.
- ⦿ Vent design for easy air exchange.
- ⦿ E.O or irradiation sterile available.



REF	Original REF.	MAT		 H			
161-0351	KJ503	PS	Ø35mm	13mm	20	2300	
161-0601	KJ504	PS	Ø60mm	15mm	26	1040	
161-0701	KJ505	PS	Ø70mm	15mm	20	720	
161-0901	KJ506	PS	Ø90mm	15mm	20	500	
161-0904	KJ506-1	PS	Ø90mm (Anti-sliding tooth)		20	500	
161-0905	KJ506-2	PS	Ø90mm (Radian Design)	13.8mm	20	500	
161-0602	KJ506-3	PS	Ø60mm (Anti-sliding tooth)		26	1040	
161-1501	KJ507	PS	Ø150mm	20mm	20	120	

STERILE EO or STERILE R

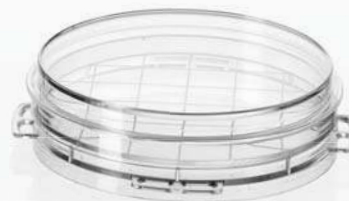
## Petri Dish







 161-0906  
 (KJ508)

 161-0907  
 (KJ509)

 161-0651  
 (KJ508-1)

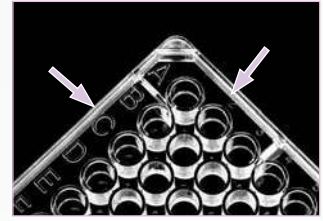
 161-0551  
 (KJ508-2)

 161-0751  
 (KJ508-5)


REF	Original REF.	MAT					
161-0906	KJ508	PS	Ø90mm	Two-Compartment	20	500	
161-0907	KJ509	PS	Ø90mm	Three-Compartment	20	500	
161-0651	KJ508-1	PS	Ø65mm	With Grid	26	1248	STERILE EO or STERILE R
161-0551	KJ508-2	PS	Ø55mm	RODAC Dish	20	960	
161-0751	KJ508-5	PS	Ø75mm	Air Plate	10	400	

## Multi Well Plate

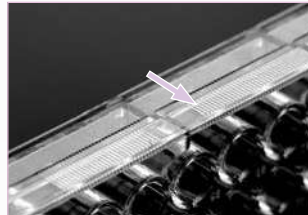
- Made of high quality PS material by ultraprecise mould with automatic technique. Used for fungus, bacteria and other microorganism culture.
- 5 optional types: 6, 12, 24, 48, 96 wells. Available in transparent, white and black plate.
- Optional TC treatment.
- According to the shape of bottom, it can be classified to: Flat bottom, U-bottom and V-bottom.
- Single direction lid design with coherent ring reduces contamination.
- A good combination of the lid and plate, convenient for air exchange and avoid medium contamination or loss.
- Flange design for the wells prevents cross contamination. Molded letters and numbers helps locating in experiment.
- Can be stacked up to save the space and good for lab environment.
- Good compatibility, adapted to most of the machines.
- Available in E.O. or Irradiation sterile.



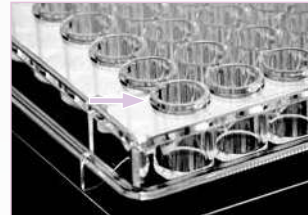
● Clear coordinate makes the operation more convenient.



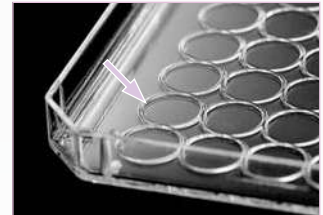
● The unique Slant corner design ensures the lid in single direction and avoids cross contamination.



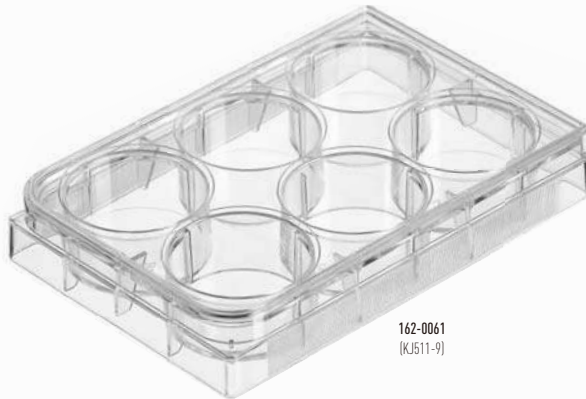
● Raised well rims prevent cross contamination.



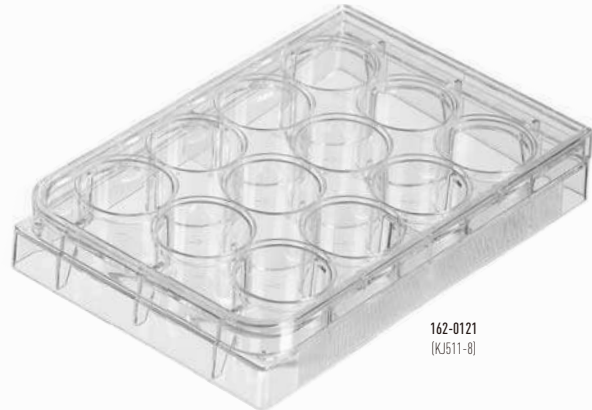
● Flange design for the wells prevents cross contamination.



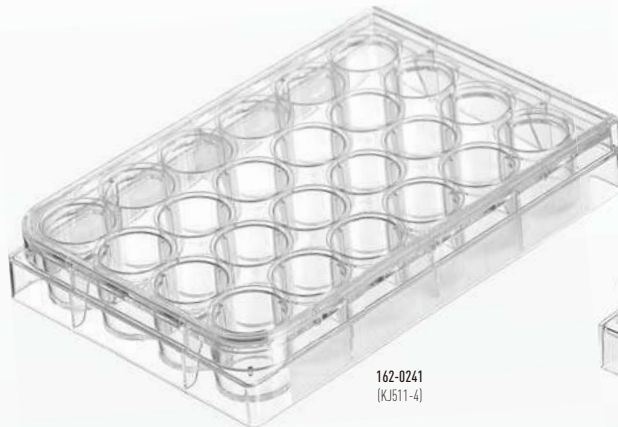
● Convex ring on the lid inner side can prevent the medium from being evaporated or polluted.



162-0061  
(KJ511-9)



162-0121  
(KJ511-8)



162-0241  
(KJ511-4)



162-0481  
(KJ511-11)

REF

Original  
REF.

MAT



Box

Box

Info

162-0061

KJ511-9

PS

127×85×23mm

6 Wells, Flat Bottom

100

200

162-0121

KJ511-8

PS

127×85×23mm

12 Wells, Flat Bottom

100

200

162-0241

KJ511-4

PS

127×85×23mm

24 Wells, Flat Bottom

100

200

162-0481

KJ511-11

PS

127×85×23mm

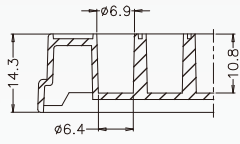
48 Wells, Flat Bottom

100

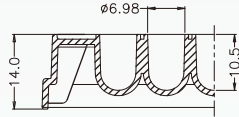
200

Individual Pack, **STERILE** R

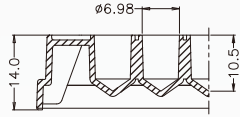
# Multi Well Plate



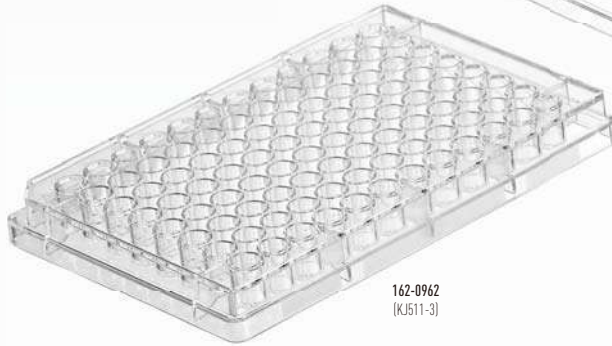
Flat-Bottom



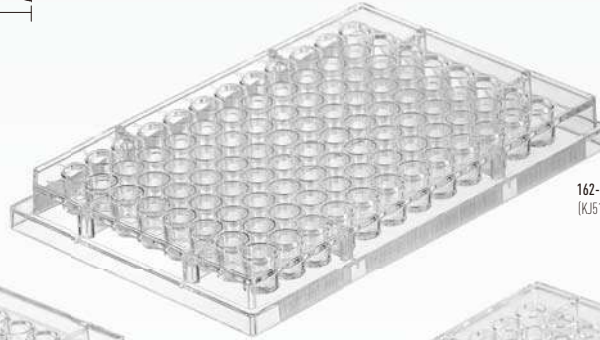
U-Bottom



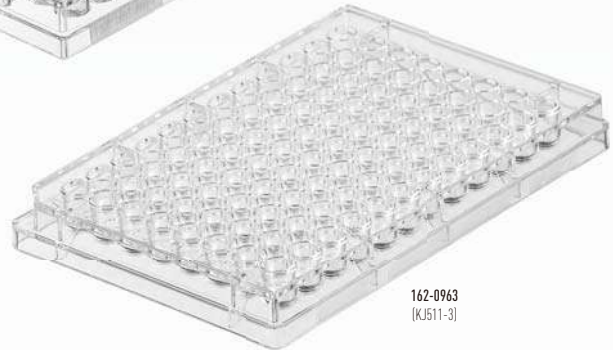
V-Bottom



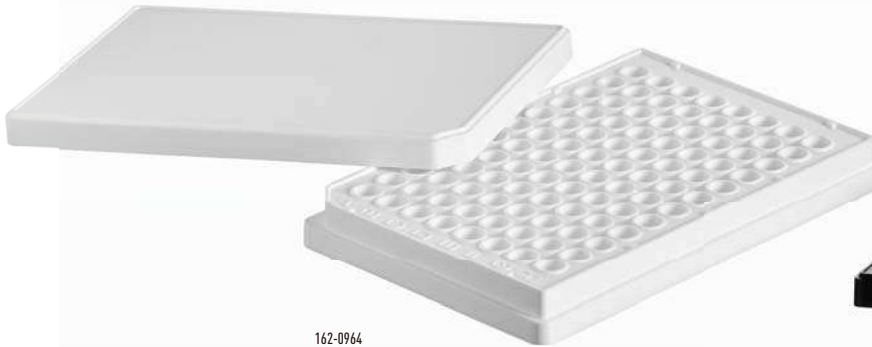
162-0962  
(KJ511-3)



162-0961  
(KJ511-3)



162-0963  
(KJ511-3)



162-0964  
(KJ511-13)



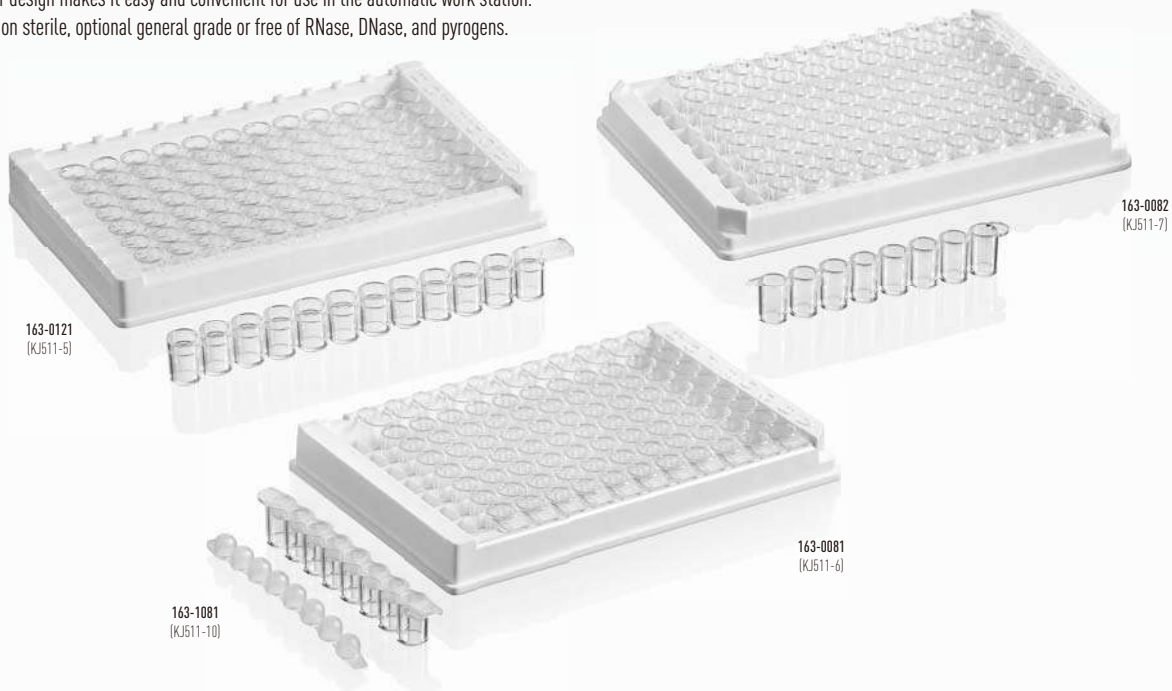
162-0965  
(KJ511-13)

REF	Original REF.	MAT				
162-0961			96 Wells, Flat bottom		100 200	
162-0962	KJ511-3	PS	96 Wells, U bottom	128×85×16mm	100 200	
162-0963			96 Wells, V bottom		100 200	Individual Pack, <b>STERILE R</b>
162-0964	KJ511-13	PS	96 Wells, White, Luminescence	128×85×16mm	100 200	
162-0965			96 Wells, Black, Fluorescence		100 200	

## Detachable ELISA Plate & Deepwell Plate

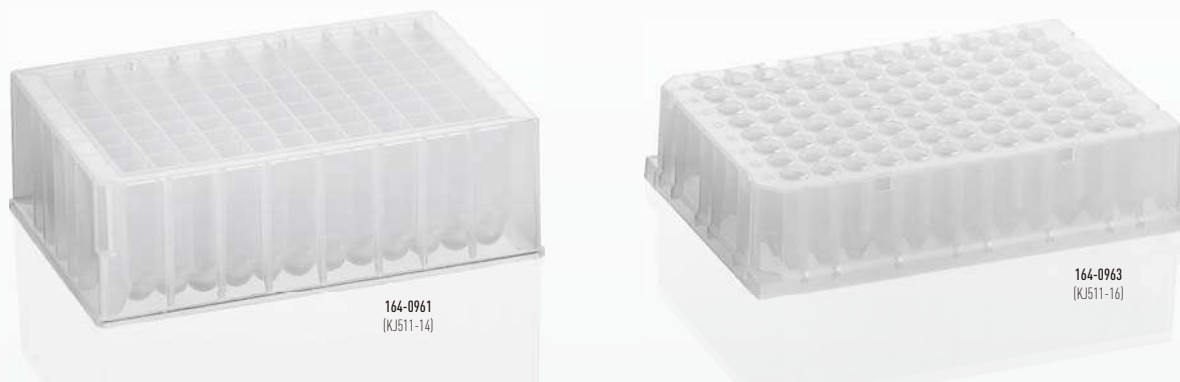
### Detachable ELISA Plate

- This microplate is designed specially for ELISA, made of medical grade PS material, which conforms to SBS regulation. The reaction well is flat bottom, transparent with high binding force (Protein binding force 300-400ng/cm<sup>2</sup>).
- The whole strip is smooth and transparent without weld line on the bottom.
- The detachable plate, from 96-well to 1 well can be randomly selected, greatly improving the flexibility of diagnosis and test.
- All wells are fixed in the frame with same height, which prevents the instrument from seizing up.
- Superior design makes it easy and convenient for use in the automatic work station.
- Irradiation sterile, optional general grade or free of RNase, DNase, and pyrogens.



### Deepwell Plate

- Made of high quality PP material. High chemical stability. Can be sterilized under high temperature. Adapted to multi-channel pipette and automatic machine.
- Square well, U-bottom design ensures minimum sample residual.
- Moulded letters and numbers, convenient for locating.
- Confirm to SBS regulation, can be stacked up stably.
- The top the plate is even and flat, and it can accept a variety of sealing films and foils, thus providing excellent sealing properties.
- Irradiation sterile, optional general grade or free of RNase, DNase, and pyrogens.



Original  
REF.



REF	Original REF.	MAT	Scales	Box	Open Box
163-0121	KJ511-5	PS	12 Wells Detachable Strip	100	200
163-0081	KJ511-6	PS	8 Wells Detachable Strip	100	200
163-0082	KJ511-7	PS	8 Wells Detachable Strip	100	200
163-1081	KJ511-10	PS	8 Wells Detachable Strip, With Concave Sealing Cap	100	200
164-0961	KJ511-14	PP	96 Wells, Square Well, U-Bottom		100
164-0963	KJ511-16	PP	96 Wells, Circular Well, V-Bottom		100

Individual Pack, **STERILE R**



## Cell Culture Flask & Serum Bottle

### Cell Culture Flask

- © It's made by high grade transparency PS Material, the thickness is uniform of the flask, the surface is smooth and without distortion.
- © Three types of volume available: 50mL, 250mL and 600mL, sealing cap and filter membrane cap supplied.
- © Vacuum plasma surface culture(TC culture) to improve the hydrophilia of surface, excellent on cell adherent culture, Flask without TC cultured can also be supplied for suspension cell.
- © Vent cap(filter membrane cap) with 0.22 $\mu$ m hydrophobic membrane, it can facilitate gas exchange and avoid transit of microorganism outside the flask.
- © Sterilized by irradiation radiation, DNase/ RNase free, Non-pyrogenic, could be customized.

165-0501  
(KJ512-2)



165-2501  
(KJ512-3)



### Serum Bottle

- © The bottle is made by PET material, cap is made by HDPE material, high transparency, Special manufacturing technique makes it can be used for preparing and storing several kinds of liquids.
- © Such as nutrient solution, Serum ,reagent etc.
- © Plastic material is more economic than glass materials, It has a strong construction, Light weight ,and totally leakage proof.
- © Three types of volume available: 120mL, 250mL and 500mL, sealing cap and filter membrane cap supplied.
- © Graduations moulded on the bottle to keep the accuracy of volume.
- © Can be sterilized by irradiation radiation after requirement, DNase, RNase free and non-pyrogenic, could be customized.

166-1251  
(KJ512-7)



166-2501  
(KJ512-8)



165-5001  
(KJ512-9)



REF

Original  
REF.

MAT



165-0501

KJ512-2

PS

50mL

10

200

Standard or TC-Treated, Individual Pack,

STERILE R

165-2501

KJ512-3

PS

250mL

5

100

Standard or TC-Treated, Individual Pack,

STERILE R

166-1251

KJ512-7

PET

125mL

25

100

STERILE R

166-2501

KJ512-8

PET

250mL

30

60

STERILE R

166-5001

KJ512-9

PET

500mL

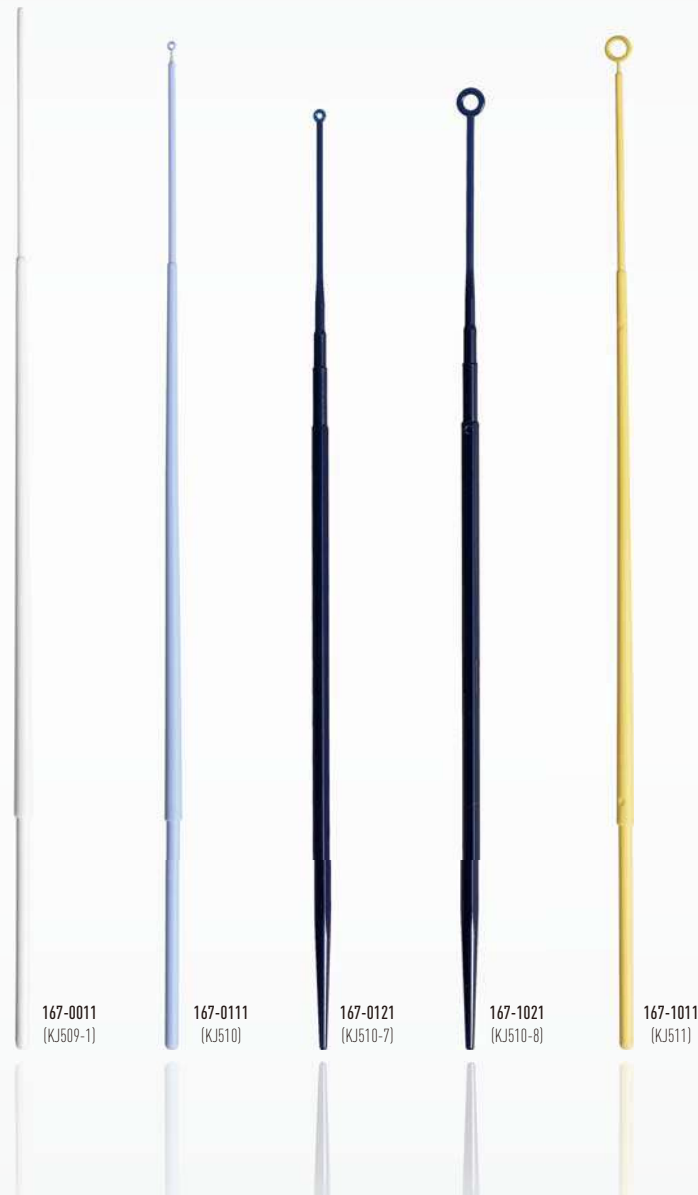
24

48

STERILE R

## Inoculating Loops

- Made of high quality PS material, hydrophilic after surface treatment, applicable to microbial inoculation.
- Multi color to distinguish different loops and needles
- Slim and flexible stick, adapted to narrow and irregular containers.
- Individual or bulk packed in sealing paper-plastic bag.
- Available in E.O. or irradiation radiation sterile.



167-0011  
(KJ509-1)

167-0111  
(KJ510)

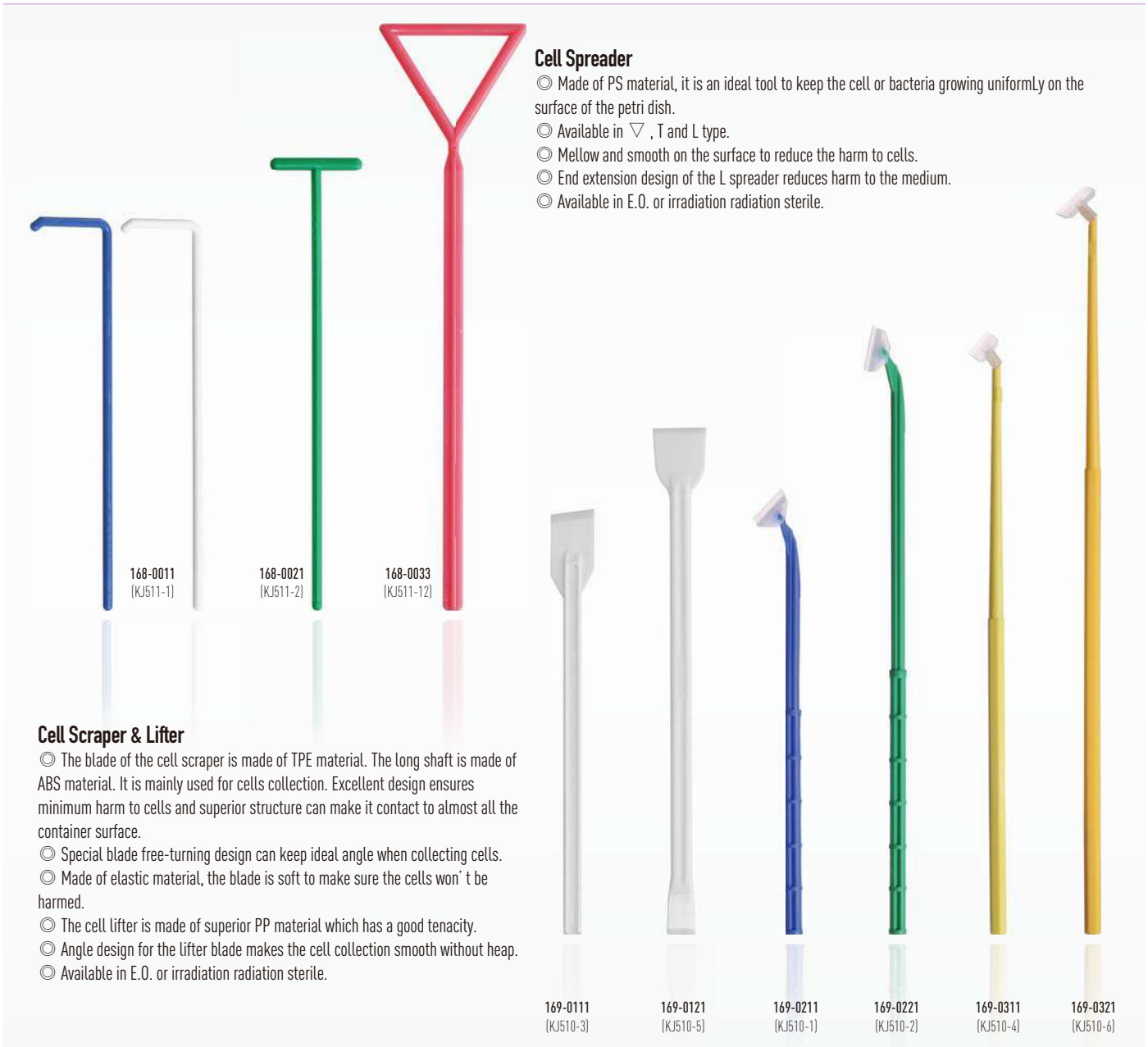
167-0121  
(KJ510-7)

167-1021  
(KJ510-8)

167-1011  
(KJ511)

REF	Original REF.	MAT					
167-0011	KJ509-1	HIPS	Needle Type	225mm	Individual Pack	4000	Bulk or Individual Pack, STERILE EO or STERILE R
167-0012					5/10/20 pcs per Pack	4000	
167-0111	KJ510	HIPS	1ul	218mm	Individual Pack	4000	Bulk or Individual Pack, STERILE EO or STERILE R
167-0112					5/10/20 pcs per Pack	4000	
167-0121	KJ510-7	HIPS	1ul	198mm	Individual Pack	4000	Bulk or Individual Pack, STERILE EO or STERILE R
167-0122					5/10/20 pcs per Pack	4000	
167-1021	KJ510-8	HIPS	10ul	200mm	Individual Pack	4000	Bulk or Individual Pack, STERILE EO or STERILE R
167-1022					5/10/20 pcs per Pack	4000	
167-1011	KJ511	HIPS	10ul	220mm	Individual Pack	4000	Bulk or Individual Pack, STERILE EO or STERILE R
167-1012					5/10/20 pcs per Pack	4000	

## Cell Spreader / Cell Scraper / Lifter



### Cell Spreader

- ⊙ Made of PS material, it is an ideal tool to keep the cell or bacteria growing uniformly on the surface of the petri dish.
- ⊙ Available in ▽, T and L type.
- ⊙ Mellow and smooth on the surface to reduce the harm to cells.
- ⊙ End extension design of the L spreader reduces harm to the medium.
- ⊙ Available in E.O. or irradiation radiation sterile.

### Cell Scraper & Lifter

- ⊙ The blade of the cell scraper is made of TPE material. The long shaft is made of ABS material. It is mainly used for cells collection. Excellent design ensures minimum harm to cells and superior structure can make it contact to almost all the container surface.
- ⊙ Special blade free-turning design can keep ideal angle when collecting cells.
- ⊙ Made of elastic material, the blade is soft to make sure the cells won't be harmed.
- ⊙ The cell lifter is made of superior PP material which has a good tenacity.
- ⊙ Angle design for the lifter blade makes the cell collection smooth without heap.
- ⊙ Available in E.O. or irradiation radiation sterile.

REF	Original REF.	MAT	L	W				
168-0011	KJ511-1	HIPS	148mm	30mm	Individual Pack	2500	L-shaped	STERILE EO or STERILE R
168-0012					5 / 10 pcs per Pack	2500		
168-0021	KJ511-2	HIPS	182mm	32mm	Individual Pack	4000	T-shaped	STERILE EO or STERILE R
168-0022					5 / 10 pcs per Pack	4000		
168-0033	KJ511-12	PP	160mm	40mm	Individual Pack	3000	▽-shaped	STERILE EO or STERILE R
168-0043			240mm	46mm	Individual Pack	3000		
169-0111	KJ510-3	PP	150mm	20mm	Individual Pack	100	1000	STERILE EO or STERILE R
169-0121	KJ510-5	PP	215mm	10mm/20mm	Individual Pack	100	1000	STERILE EO or STERILE R
169-0211	KJ510-1	Blade:TPE Stick:PP	180mm	20mm	Individual Pack	100	1000	STERILE EO or STERILE R
169-0221	KJ510-2	Blade:TPE Stick:PP	250mm	20mm	Individual Pack	100	1000	STERILE EO or STERILE R
169-0311	KJ510-4	Blade:TPE Stick:PP	250mm	13mm	Individual Pack	100	1000	STERILE EO or STERILE R
169-0321	KJ510-6	Blade:TPE Stick:PP	300mm	20mm	Individual Pack	100	1000	STERILE EO or STERILE R