

PRODUCT GUIDE

2021

SORFA
LIFE SCIENCE




FC-BIOS *Sdn Bhd*

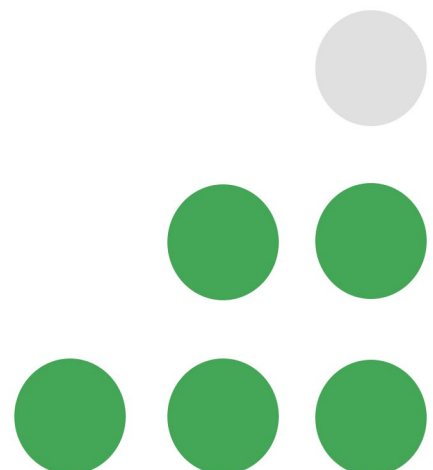
Excellence in Laboratory & Process Supplies

FC-BIOS SDN BHD (HQ)
31 & 33, Jalan SS15/4B,
47500 Subang Jaya,
Selangor, MALAYSIA.

FC-BIOS SDN BHD (PENANG)
462A, Jln Permatang Rawa, Bandar Perda,
14000 Bukit Mertajam,
Pulau Pinang, MALAYSIA.

THE NEW THINGS ON C

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COMPANY PROFILE

SORFA



SORFA has been a specialist in Cell Culture consumables for over 19 years. SORFA is located in Deqing, Zhejiang Province, near Shanghai and Hangzhou.

The new factory was put into production at the beginning of 2009 with a 100,000 grades clean-room, a laboratory, a R&D center as well as a mold products process center.

They are among the top 3 largest Cell Culture consumables manufacturers in Asia, producing up to 1,000,000,000 serological pipettes every year for key users such as yourselves.

SORFA is FDA registered, CE certified and ISO13485:2012 certified by TUV. Their products are also distributed worldwide to over 50 countries, with FC-BIOS SDN BHD being their sole distributor in Malaysia.



FC-BIOS

Sdn Bhd

(188200-H)

Excellence in Laboratory & Process Supplies

FC-BIOS SDN BHD is a life science company based in Kuala Lumpur. Founded in the year 1989, we have placed ourselves in the forefront of the scientific community by providing solutions and growing with our customers.

FC-BIOS has been distributing and supporting cell culture applications in Malaysia for over 30 years. We strive to provide total solutions tailored specifically for our customer in the countless markets they represent.

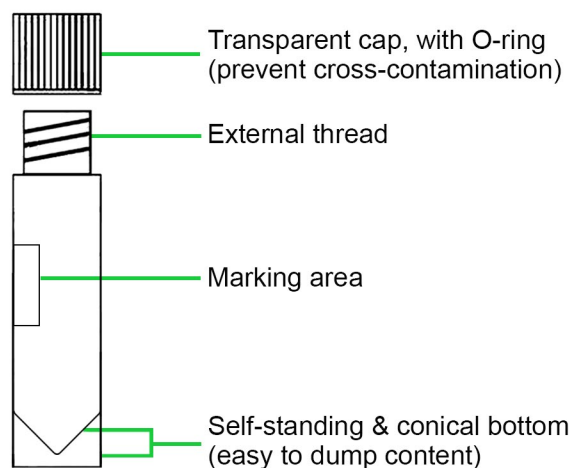
Making our debut in the market by offering Researchers such as yourselves with full turn key solutions for all your cell culture needs. Our teams are dedicated and committed in providing the best service and support towards total customer satisfaction by meeting our customer's needs.

FREEZING TUBE

Sorfa freezing tubes are applicable in storage of biological specimens as disposable laboratory consumables which are manufactured from high quality polypropylene. Graduations are clearly printed on tube surface for users calibration.

Freezing tubes storage temperature ranges from -80°C to 121°C. Integrated O-ring using 2K injection molding technique to prevent cross contamination in screw cap caused by fluid leaking which eventually ensure the security of specimens in freezing tubes. All Sorfa freezing tubes come with resealable package for secure seal.

- USP plastic Class VI Polystyrene in GMP 100,000 grade clean room
- Non-pyrogenic, non-toxic, free of endotoxins, ATP & mutagen
- Sterilization Level: SAL 10⁻⁶
- RNase-free, DNase free
- Cap: External thread, with O-ring
- Cap Colour: Transparent, blue, yellow, green and pink
- Bottom: Self-standing and conical
- Volume: 1.5mL



Ordering information:

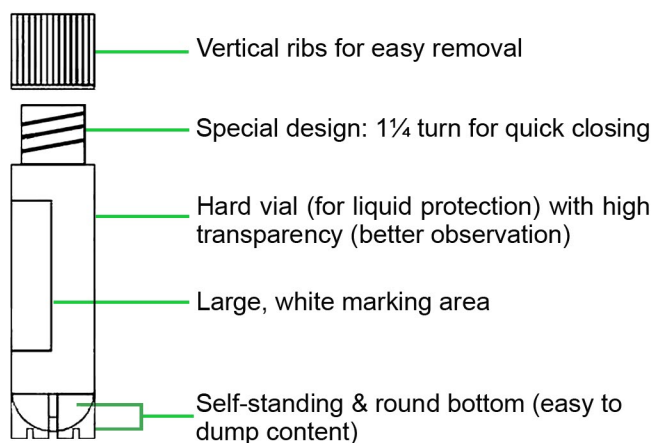
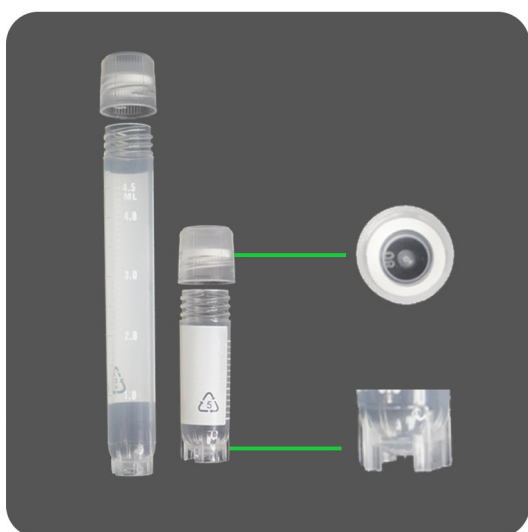
Cat. No.	Volume (mL)	Height (mm)	Inner Dia. (mm)	Pcs/Case
S21-121200	1.5	47.7	12.4	2000

CRYOGENIC VIAL

Sorfa cryogenic vials are applicable in storage of biological specimens as disposable laboratory consumables which are manufactured from high quality polypropylene. Cryogenic vials storage temperature ranges from -196°C to 121°C .

A silicone is inserted in screw cap to prevent contamination caused by fluid leaking which eventually ensure the security of specimens in cryogenic vial. All Sorfa cryogenic vials are packaged in bags with sterilization.

- USP plastic Class VI Polystyrene in GMP 100,000 grade clean room
- Non-pyrogenic, non-toxic, free of endotoxins, ATP & mutagen
- Sterilization Level: SAL 10⁻⁶
- RNase-free, DNase free
- Cap: External thread
- Cap Colour: Transparent
- Bottom: Self-standing and round
- Volume: 2.0mL,5.0mL



Ordering information:

Cat. No.	Volume (mL)	Height (mm)	Inner Dia. (mm)	Pcs/Case
S21-111210	2.0	48.5	12.4	2000
S21-111410	5.0	79.4	12.4	1000

CELL CULTURE FLASK

Sorfa cell culture flasks are designed in three types of area for cell culture: 25cm², 75cm² and 175cm². The engraved graduation on both sides helps users to fill accurate medium. Marking area is made to identify flasks for different purpose and ridges on the top make flask easy to stack. Sorfa angled design of neck is easy for pipette access into touch each corner of flask.

- USP plastic Class VI Polystyrene
- Culture area: 25cm², 75cm² and 175cm²
- Treated for optimal cell attachment
- Vent cap and angled neck
- RNase-free, DNase free
- Non-pyrogenic, non-toxic
- Sterilization assurance level (SAL) is 10⁻⁶
- Lot number is printed on packaging for tracking



Ordering information:

Cat. No.	Culture Area	Volume	Cap	Pcs/Bag	Pcs/Cs
S21-210100	25cm ²	50ml	Vent	10	200
S21-210200	75cm ²	250ml	Vent	5	100
S21-210300	175cm ²	600ml	Vent	5	40

CELL CULTURE PLATE

Sorfa cell culture plates have been plasma treated to ensure uniform cell adhesion, spreading, and growth. Our extensive line of multiwell plates feature chamfers, raised rims & mated rings to control cross contamination while reducing evaporation. Stacking ring on the lid stabilize plates when stacking multi layers, enabling space saving in laboratory. The plates are equipped with individual alphanumeric codes for easy well identification.

- USP plastic Class VI Polystyrene
- Multi-well: 6 well, 12 well, 24 well, 96 well
- Treated for optimal cell attachment
- Individual number codes for well identification
- RNase-free, DNase free
- Non-pyrogenic, non-toxic
- Sterilization assurance level (SAL) is 10^{-6}
- Lot number is printed on packaging for tracking



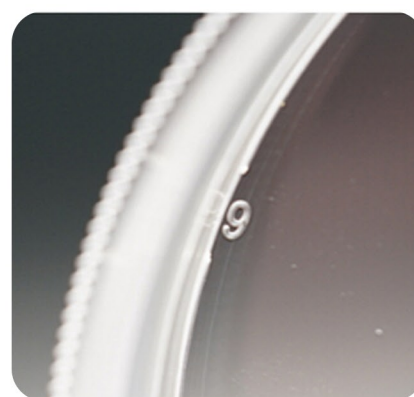
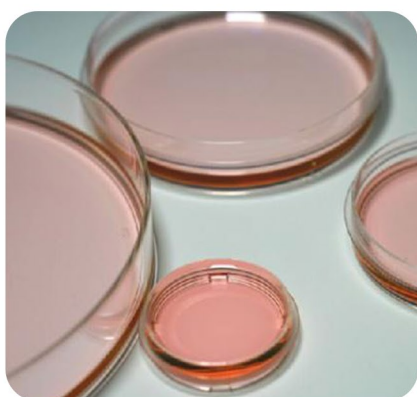
Ordering information:

Cat. No.	Well	Culture Area	Individual Wrap	Pcs/Cs
S21-220100	6	9.61cm ²	Blister	50
S21-220200	12	3.87cm ²	Blister	50
S21-220300	24	1.91cm ²	Blister	50
S21-220400	96	0.35cm ²	Blister	100

CELL CULTURE DISH

Sorfa cell culture dishes are available in a wide variety of different dimensions and growth areas. Each dish is rounded by a serrated ring on the dish base which helps users to easily grip on to the dish. The serrated ring also allows the dish to be handled by the dish base preventing accidental drops and simplifying the separation of the lid from the base. There are a total of 4 vents present on the inner lid which ensures optimal gaseous exchange. Numerical marks are engraved on the bottom of the dish to help users to identify cell growth location.

- USP plastic Class VI Polystyrene
- Size: 35mm, 60mm, 100mm, 150mm
- Treated for optimal cell attachment
- Number codes are for easy identification
- RNase-free, DNase free
- Non-pyrogenic, non-toxic
- Sterilization assurance level (SAL) is 10^{-6}
- Lot number is printed on packaging for tracking



Ordering information:

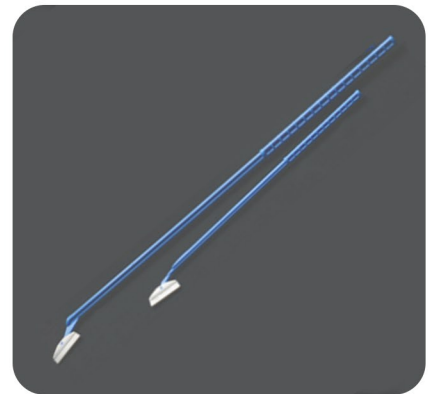
Cat. No.	Size	Culture Area	Pcs/Pack	Pcs/Cs
S21-230101	35 x 9mm	9.2cm ²	10	500
S21-230201	60 x 15mm	26.0cm ²	10	500
S21-230301	100 x 20mm	55.81cm ²	10	300
S21-230400	150 x 25mm	141.8cm ²	5	100

CELL SCRAPER

Sorfa cell scraper are specialized in collection cells from various cell culture containers like cell culture flask. The scraper handle is made up of medical grade polypropolyne material, the blade is made up of TPE. Handle with length 25cm and 40cm for choices, 25cm are basically used for cell culture flask, 40cm are basically used for larger volume container such as roling bottle. Two sizes of blade for choices and meet different requests.

Sorfa cell scraoer are free turn design with adjustable angle to reach the collection result, making sure to have the least hurt to cells when collecting the cells from cell culture flask, and touch the whole growth area with no dead end.

- USP plastic Class VI Polystyrene
- Size: 25cm, 40cm
- Made up in GMP 100,000 grade clean room
- Flexible blade is easy to collect, decrease the cell damage
- RNase-free, DNase free
- Non-pyrogenic, non-toxic
- Sterilization assurance level (SAL) is 10^{-6}



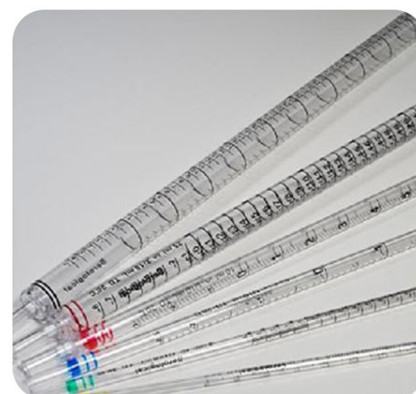
Ordering information:

Cat No.	Handle Length (cm)	Blade Length (cm)	Pcs/Case
S21-260100	25cm	1.8cm	50
S21-260300	40cm	1.8cm	50

SEROLOGICAL PIPETTE

Sorfa serological pipettes are manufactured from USP level VI Polystyrene material, which are designed with maximum optical clarity. Bold, clear bi-directional graduations make it easy-to-read fluid volumes and dispensing amounts. All pipettes are supplied with a filter for protection against the suction of liquid into the pipetting device. Precision is aided by fine-line graduation printing providing accuracy of better than $\pm 2\%$.

- USP plastic Class VI Polystyrene
- Volume: 1ml, 2ml, 5ml, 10ml, 25ml, 50ml
- Bi-directional and negative graduation ensure the accuracy
- Color coded on pipettes and packaging for convenient volume selection
- Individual packaging in plastic/paper wrapper
- RNase-free, DNase-free, Non-pyrogenic
- Non-pyrogenic, non-toxic
- Sterilization assurance level (SAL) is 10^{-6}
- Lot number is printed on packaging for tracking



Ordering information:

Cat. No.	Volume	Graduation	Color Code	Pcs/Box	Pcs/Cs
S21-311000	1ml	1/100	Yellow	500	1000
S21-312000	2ml	1/100	Green	400	800
S21-313000	5ml	1/10	Blue	300	600
S21-314100	10ml	1/10	Red	250	500
S21-315100	25ml	1/5	Purple	200	400
S21-316100	50ml	1	Black	100	200

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-  www.fcbios.com.my
-  enquiry@fcbios.com.my
-  +603-5635 1559
-  +6019-220 8238

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