

# SSIbio Racks Catalog

Innovative Storage & Working Solutions





## Racks

**Flipper**<sup>®</sup>

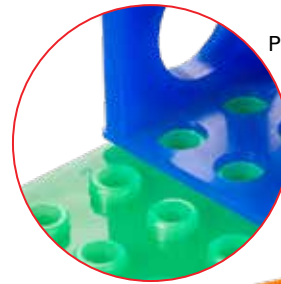
**IsoFreeze**<sup>®</sup>

**SSIbio**  **Branded**

Flipper Racks have been a mainstay of laboratories around the world for more than 25 years. The innovative design of Flipper Racks provides researchers with greater flexibility on the bench without managing multiple racks. From the basic 4-Way Flipper rack design to the Sliplock and Revolver, researchers are sure to find the ideal Flipper Rack for their lab.

## 4-Way Flipper® Racks

- Small footprint is perfect for the benchtop or under the hood.
- Suitable for use in ultra-low temperature freezers (-90°).
- Available in standard or interlocking versions.
- Accommodates all popular tube sizes, from 0.5 mL to 50 mL, and 20-25 mm.
- Rugged polypropylene construction.



Press the interlocking racks together to form a larger, custom rack.

5410-29

Item #	Description	Tube Options	Colors	Packaging
5410-29	4-Way Interlock Flipper 171 x 91 x 54 mm	Side 1: 32 x 1.5-2.0 mL Side 2: 32 x 0.5 mL Side 3: 12 x 5 or 15 mL Side 4: 4 x 50 mL	Fluorescent: Blue, Green, Yellow, Orange, Pink	5/unit, 4 units/case
5415-59	4-Way Flipper 5 mL 171 x 91 x 54 mm	Side 1: 18 x 5 mL and 32 x 0.5 mL Side 2: 32 x 1.5-2.0 mL Side 3: 12 x 5 or 15 mL Side 4: 4 x 50 mL	Standard: Blue, Green, Red, Yellow	4/unit, 4 units/case
5420-29	4-Way Flipper 50 mL 8 x 50 mL Tubes 198 x 114 x 95 mm	Side 1: 8 x 50 mL Side 2: 20 x 20 mm Side 3: 24 x 5 or 15 mL Side 4: 40 x 1.5-2.0 mL	Fluorescent: Blue, Green, Yellow, Orange, Pink	5/unit, 2 units/case
5430-39	4-Way Flipper 25 mm 12 x 25 mm Tubes 198 x 114 x 95 mm	Side 1: 12 x 25 mm Side 2: 20 x 20 mm Side 3: 40 x 1.5-2.0 mL Side 4: 24 x 5 or 15 mL	Standard: Blue, Green, Red, Orange, Violet	5 /unit, 2 units/case



5410-29



5420-29

## 4-Way Flipper Racks with Tray

- Multi-tube compatibility.
- Four 4-way racks in a convenient tray.
- Each Flipper can be independently oriented.
- 4-way rack can be used either in the tray or independently.
- Standard or fluorescent colors.

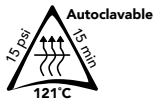


5400-39

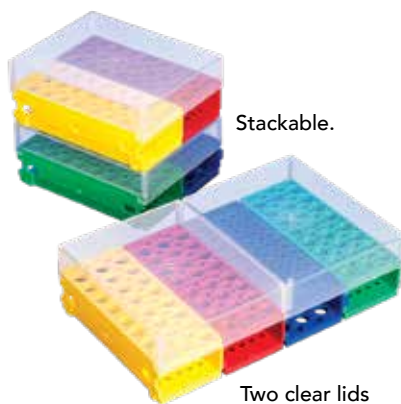
Item #	Dimensions	Tube Options	Colors	Packaging
5400-39	4-Way Flipper with Tray 243 x 102 x 41 mm	12 x 0.5 mL 9 x 1.5-2.0 mL 6 x 15 mL 2 x 50 mL	Standard: Green, Blue, Red, Yellow	1 tray/unit, 5 units/case
5400-29	243 x 102 x 41 mm	12 x 0.5 mL 9 x 1.5-2.0 mL 6 x 15 mL 2 x 50 mL	Fluorescent: Green, Yellow, Orange, Pink	1 tray/unit, 5 units/case



5400-29



Slip and lock the racks together.



Stackable.

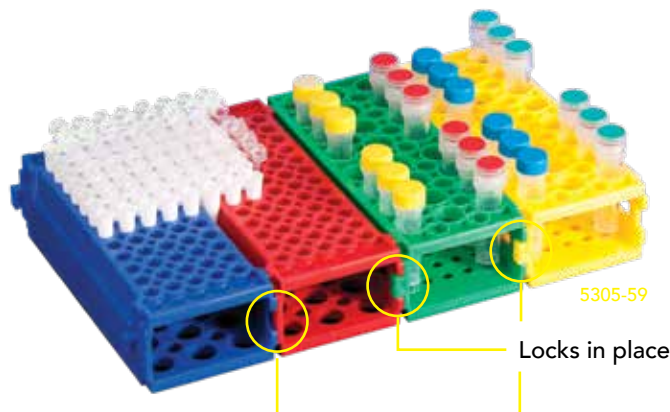
Two clear lids included.



5405-59



Revolve to create the perfect workstation.



### Sliplock Flipper

- Expandable mini workstation, includes 4 interchangeable racks and 2 clear lids.
- Capacity:
  - 16 x 0.5 mL tubes per rack.
  - 24 x 1.5/2.0 mL tubes per rack.
  - 60 x 0.1/0.2 mL PCR tubes per rack.
  - 12 x 8-strip or 11 x 12-strip PCR tubes per 2 racks.
  - 1 x unskirted or semi-skirted 96-well PCR plate per 2 racks.
- Dimensions (L x W x H):
  - 1 rack: 134 x 54 x 35mm
  - 2 racks: 134 x 108 x 35mm (134 x 110 x 58 with lid).
  - 4 racks: 215 x 134 x 35mm (220 x 134 x 58 with lids).
- Temperature range: -80°C to +121°C.
- Rugged polypropylene construction.

Item #	Description	Colors	Packaging
5305-59	Sliplock Flipper 4 Racks and 2 Clear Lids	Green, Blue, Red, Yellow	1 workstation/unit, 4 units/case

### Revolver Flipper - the ultimate workstation!

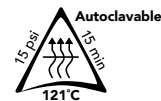
- Add or subtract rack units to suit your needs.
- PCR workstation options:
  - 48 x 0.2 mL tubes per block.
  - 6 x 8 tube strips per block.
  - 8 x 12 tube strips per 2 blocks.
  - 1 x non-skirted or semi-skirted 96 well plate per 2 blocks.
- Four rotate-and-lock racks.
- Fast reconfiguration for different tube sizes and types.
- Temp range: -80°C to +121°C.
- Rugged polypropylene construction.

Item #	Dimensions	Tube Options	Colors	Packaging
5405-59	Revolver Flipper 257 x 108 x 108 mm	Side 1: 6 x 0.5 mL and 12 x 1.5/2.0 mL Side 2: 8 x 5 or 15 mL Side 3: 2 x 50 mL Side 4: 48 x 0.2 mL	Green, Blue, Red, Yellow	4 rack blocks/unit, 4 units/case

### 32-Place Junior Flipper (4 x 8 Format)

Perfect for sequencing.

- Side A: 32 x 1.5/2.0mL + 8 x 0.5 mL.
- Side B: 32 x 0.5 mL + 8 x 1.5/2.0mL.



Item #	Description	Colors	Packaging
5300-29	Rack with Clear Lid 169 x 81 x 48 mm	Assorted Fluorescent <sup>1</sup>	5 racks with lids/unit, 4 units/case
5302-29	Rack Only 169 x 79 x 28 mm	Assorted Fluorescent <sup>1</sup>	5 racks/unit, 4 units/case



5300-29

### 64-Place Flipper (8 x 8 Format)

A great replacement for cardboard or metal freezer racks.

- Side A: 64 x 1.5/2.0 mL.
- Side B: 64 x 0.5 mL.

Item #	Description	Colors	Packaging
5310-29	Rack with Clear Lid 132 x 130 x 45 mm	-29 Assorted Fluorescent <sup>1</sup> -00 Clear	5 racks with lids/unit, 4 units/case
5312-29	Rack Only 132 x 127 x 31 mm	-29 Assorted Fluorescent <sup>1</sup> -00 Clear	5 racks/unit, 4 units/case



5310-29

### 96-Place Flipper (8 x 12 Format)

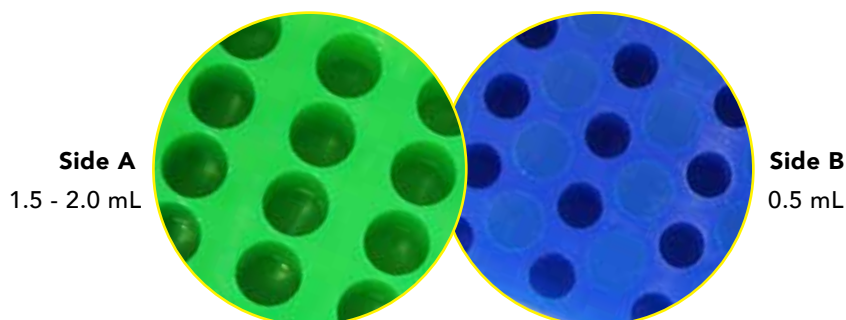
The perfect partner for PCR prep.

- Side A: 96 x 1.5/2.0 mL.
- Side B: 96 x 0.5 mL.

Item #	Description	Colors	Packaging
5320-00	Rack with Clear Lid 213 x 118 x 50 mm	-00, -31, -32, -33, -34, -35, -36, -39 <sup>2</sup> , -21, -22, -23, -24, -26, -29 <sup>1</sup> , -41	5 racks with lids/unit, 2 units/case
5321-00	Clear Lid Only 206 x 118 x 29 mm	-00 Clear	1 lid/unit, 10 units/case
5322-00	Rack Only 213 x 113 x 27 mm	-00, -31, -32, -33, -34, -35, -36, -39 <sup>2</sup> , -21, -22, -23, -24, -26, -29 <sup>1</sup> , -41	5 racks/unit, 2 units/case



5320-39



#### Fluorescent Colors:

- -21 - Blue
- -22 - Green
- -23 - Orange
- -24 - Pink
- -26 - Yellow
- -29 - Assorted

#### <sup>1</sup>Assorted Fluorescent Colors:

Item #s ending in -29 include 5 colors: blue, green, orange, pink, yellow.



#### Standard Colors:

- -00 - Clear
- -31 - Blue
- -32 - Green
- -33 - Orange
- -34 - Red
- -35 - Violet
- -36 - Yellow
- -39 - Assorted
- -41 - Black

#### <sup>2</sup>Assorted Standard Colors:

Item #s ending in -39 include 5 colors: blue, green, orange, red, violet.



Made in USA

## IsoFreeze® Color Change Racks

- Maintain a sample temperature of less than 4°C for almost 4 hours (with lid on rack) when used at room temperature.
- Color change material enables you to see how cold your samples are at a glance.
- IsoFreeze color change racks undergo a dramatic change to a contrasting color at 7°C.

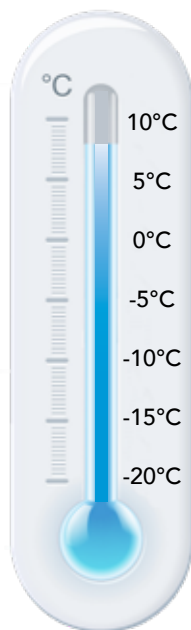


### qPCR & PCR Solutions

**NEW!** IsoFreeze qPCR  
Specially designed for Qiagen®/Corbett  
Rotor-Gene® tubes. See pg. 9 for Corbett Tubes.



5660-TW



Gradual fade in color indicates slowly rising sample temperatures.



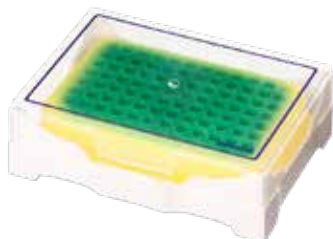
Blue rack color indicates safe sample temperature.



5640-T4

### IsoFreeze PCR Racks

- Tube and plate capacity:
  - qPCR: 64 x 0.1 mL Corbett Rotor-Gene tubes, 16 x 0.2 mL tubes or strips, and 4 x 0.5 mL tubes.
  - PCR: 0.1 and 0.2 mL tubes and strip tubes; plates up to 96-well.
- Dimensions: 141 × 99 × 44 mm.



5640-T6

Item #	Description	Cold to Warm Color Change	Est. Time below 4°C	Packaging
5660-TW	qPCR Rack	Blue to White	2.5 Hours	2 racks/unit, 5 units/case
5640-T4	PCR Rack	Purple to Pink	3+ Hours	
5640-T6	PCR Rack	Green to Yellow	3+ Hours	

## IsoFreeze PCR, SBS

- SBS footprint for use with liquid handing equipment.
- Accomodates 96-well PCR plates, strip tubes, or 0.2 mL tubes.
- Rack does not come with lid.

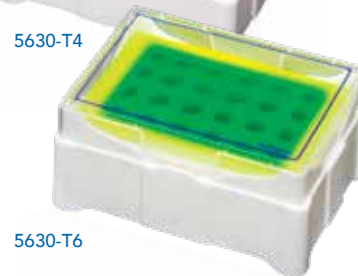
Item #	Description	Cold to Warm Color Change	Estimated Time at 4°C	Packaging
5650-T4	PCR, SBS Rack	Purple to Pink	2.5 Hours	2/unit, 5 units/case
5650-T6	PCR, SBS Rack	Green to Yellow	2.5 Hours	2/unit, 5 units/case



## IsoFreeze MCT

- Dimensions: 146 × 105 × 70 mm.
- Tube capacity: 24 x 0.5, 1.5, 2.0 mL snap or screw-cap style tubes.
- Rack comes with lid.

Item #	Description	Cold to Warm Color Change	Estimated Time at 4°C	Packaging
5630-T4	MCT Rack	Purple to Pink	3.5+ Hours	1/unit, 5 units/case
5630-T6	MCT Rack	Green to Yellow	3.5+ Hours	1/unit, 5 units/case



## IsoFreeze Flipper Racks

- IsoFreeze temperature maintenance racks. Lid included.
- Consistent thermal protection.
- One side holds 20 x 1.5/2.0 mL tubes, and the other side holds 20 x 0.5 mL tubes.
- Tough polycarbonate material.
- Dimensions: 172 x 104 × 108 mm.
- IsoFreeze Flipper is available in two temperature ranges:
  - Blue -20°C unit will maintain a temperature between -10° and -20°C for up to 3 hours.
  - White 0°C unit will maintain a temperature of 0°C for a minimum of five hours.
- Racks are filled with an inert, non-toxic gel.

Item #	Description	Format	Indexing	Colors	Packaging
5610-43	Flipper -20°C	4 x 5	1 to 20	Blue	1 rack/unit, 4 units/case
5610-40	Flipper 0°C	4 x 5	1 to 20	White	1 rack/unit, 4 units/case





## Storage & Freezer Racks

### 15 & 50 mL Tube Racks

- Convenient freezer storage.
- Numerical index on grid.
- Rugged polypropylene construction.
- Unique pull tab enables safe removal from freezer racks.
- Temperature range: -90°C to + 121°C (autoclavable).
- Dimensions: 144 × 144 × 127 mm, 102 mm without lid.



5570-02



5580-01

Item #	Description	Format	Indexing	Max Tube Dimensions	Colors	Packaging
5570-02	15 mL × 36 Place Rack	6 × 6	1 to 36	18 x 121 mm	Green	2/unit, 6 units/case
5580-01	50 mL × 16 Place Rack	4 × 4	1 to 16	30 x 121 mm	Blue	2/unit, 6 units/case

### 80-Place Tube Racks

- Fraction collector plate style.
- Versatile & efficient storage in bright, fluorescent colors.
- Holds tubes up to 2.0 mL, 11 × 26 mm maximum.
- Rack dimensions: 226 × 67 × 28 mm.
- Container dimensions: 236 × 85 × 52 mm.



5120-00



5110-29

Item #	Description	Format	Colors	Packaging
5110-00	80 Place Rack	5 × 16	-21, -22, -23, -24, -25, -26, -41, -29	5/unit, 4 units/case
5120-00	Container for 80 Place Rack	Holds Item # 5110-29	-00 Clear	5/unit, 4 units/case

### Freezer Box Racks (Bullet Boxes)

- Conical based tube positions provide greater support.
- 5 × 10 formatting with A to E & 1 to 10 indexing.
- Frosted writing areas.
- Rack comes with lid.



5520-00

5530-00

Item #	Description	Dimensions	Packaging
5520-00	50-Place Rack for 1.5/2.0 mL Tubes	145 x 75 x ___ mm	5 racks/unit, 4 units/case
5527-00	21-Place Rack for 5 mL Tubes		
5524-00	Freezer Box (no well or slots)		

**Assorted Fluorescent Colors:**  
Item #s ending in -29 include 5 colors:  
blue, green, orange, pink, yellow.

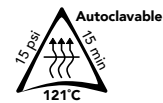




# Storage & Freezer Racks

## Freezer Racks

- Versatile storage from freezer to bench.
- Stores tubes up to 2.0 mL.
- Suitable for temperatures as low as -90°C.
- Rugged polypropylene.
- High-contrast alphanumeric indexing.



Item #	Description	Dimensions	Colors	Packaging
5510-00	50-Place with Hinged Lid 5 x 10 Format	139 x 86 x 54 mm	-00, -21, -22, -23, -24, -26, -29	5/unit, 4 units/case
5500-00	81-Place with Lift-Off Lid 9 x 9 Format	125 x 125 x 45 mm (43 mm without Lid)	-00, -21, -22, -23, -24, -26, -29	
5540-00	100-Place with Hinged Lid 10 x 10 Format	151 x 139 x 54 mm	-00, -21, -22, -23, -24, -26, -41, -29	
5504-00	Freezer Box with Lift-Off Lid (no wells or slots)	125 x 125 x 43 mm	-00 Clear	
5507-00	49-Well Rack with Lift-Off Lid and Drain Holes	125 x 125 x 43 mm	-00 Clear	
5509-00	81-Well Rack with Lift-Off Lid and Drain Holes	125 x 125 x 45 mm (43 mm without Lid)	-00 Clear	
5509-Z0	81-Well Zylar® Rack for Temperature Down to -196°C	125 x 125 x 45 mm (43 mm without Lid)	-00 Clear	



**<sup>2</sup>Assorted Fluorescent Colors:**  
Item #s ending in -29 include 5 colors:  
Blue, Green, Yellow, Orange, Pink.



**<sup>1</sup>Assorted Colors:**  
Item #s ending in -19 include 5 colors:  
blue, green, red, orange, yellow.



### Standard Colors:

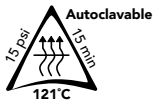
- -41 - Black

## CryoFreeze Storage Racks

- Tough, durable polycarbonate construction.
- Drains and vents prevent pressure build-up.
- Crystal-clear lid for sample visibility.
- Bright, attractive assorted colors.
- High-contrast alphanumeric indexing.
- Max tube dimensions:
  - 5700-19, 5720-19, and 5750-19: 12 x 49 mm.
  - 5730-19: 12 x 90 mm.

Item #	Description	Format	Dimensions	Packaging
5700-19	25-Place Rack, Assorted Colors (1.0/1.8 mL Tubes)	5 x 5	76 x 76 x 54 mm	5/unit, 4 units/case
5720-19	81-Place Rack, Assorted Colors (1.0/1.8 mL Tubes)	9 x 9	133 x 133 x 54 mm	
5730-19	81-Place, Deep Rack, Assorted Colors (4.5 mL Tubes)	9 x 9	133 x 133 x 95 mm	
5750-19	100-Place Rack, Assorted Colors (1.0/1.8 mL Tubes)	10 x 10	133 x 133 x 54 mm	





## PCR WorkUp Racks (Standard & Stacking)

### PCR Stacking WorkUp Rack — New and Improved!



- Easy stacking.
- Lid clicks into place.
- Stable work platform.
- Accommodates unskirted, semi-skirted and skirted 96-well PCR plates.
- Accommodates strip PCR tubes.
- Material: Polypropylene, suitable for -90°C to 121°C.
- Operating temp: -80°C min to 121°C max.
- Assembly comes with lid.
- Rack capacity options:
  - 1 x 96 well PCR plate.
  - 90 x 0.2 mL PCR tubes.
  - 12 x 8-strip tubes.

Item #	Description	Dimensions	Colors	Packaging
5240-09	Stacking 96-Well PCR WorkUp Rack and Lid	138 × 98 × 39 mm, 30 mm without Lid	Assorted Standard <sup>1</sup>	5 racks/unit, 4 units/case

### 96-Place WorkUp Rack



- Working storage rack and lid for PCR processing.
- Standard spacing for strip tubes or plates.
- Snaps into PCR Workstation.
- Assembly comes with lid.

Item #	Description	Dimensions	Colors	Packaging
5230-29	96 Place WorkUp Rack and Lid	128 × 87 × 33 mm, 128 × 84 × 17 mm without Lid	Assorted Fluorescent <sup>2</sup>	5 racks/unit, 4 units/case

### PCR Workstation and Standard WorkUp Rack



- Ideal platform to satisfy all pre- or post-PCR sampling applications.
- Molded alphanumeric indexing for fast and accurate identification.
- Workstation holds all commonly used tube sizes.
  - 32 x 0.2 mL PCR tubes.
  - 24 x 1.5 or 2.0 mL tubes.
  - 16 x 0.5 mL PCR tubes.
- Removable PCR WorkUp rack holds standard plate tubes or strip tubes.

Item #	Description	Dimensions	Colors	Packaging
5220-29	PCR WorkUp Rack and Workstation Assembly	170 × 110 × 105 mm, 78 mm without Lid	Assorted Fluorescent <sup>2</sup>	1 assembly/unit, 10 units/case

**<sup>1</sup>Assorted Standard Colors:**  
Item #s ending in -09 include 5 colors:  
Blue, Green, Red, Violet, Yellow.

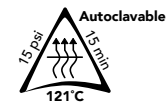


**<sup>2</sup>Assorted Fluorescent Colors:**  
Item #s ending in -29 include 5 colors:  
Blue, Green, Yellow, Orange, Pink.



## Floater Racks

- Molded-in buoys give exceptional stability in a water bath.
- Can be placed in an ice bath.
- The hinged lid container can be used as a mini-ice bath.
- Capacity: 24 x 1.5 / 2.0 mL and 15 x 0.5 mL tubes.
- Rack comes with lid.



Floater Racks are autoclavable.

Item #	Description	Max Tube Capacity	Colors	Packaging
5100-43	24-Place Rack in Container	24 x 1.5 or 2.0 mL or 15 x 0.5 mL	Blue	1 rack/unit, 10 units/case



5100-43

## BetaShield Racks

- Blocks  $\beta$ -radiation on the bench.
- Minimum wall thickness: 5/8 inch (16 mm) for the 24 place.
- 4 x 6 format.
- Maximum tube capacity: 15 x 0.5 mL & 24 x 1.5 or 2.0 mL.
- Rack comes with lid.

Item #	Description	Indexing	Well Dimensions	Packaging
5010-00	24-Place Rack	A to D & 1 to 6	8 x 24 mm (0.6 mL) 11 x 35 mm (1.5 mL)	1 rack/unit, 6 units/case



5010-00



## Innovations for Life Science

For more than 25 years, Scientific Specialties, Inc. has focused on bringing innovative, high-quality plasticware to life science. From the initial concept of a product to its finished form, all aspects of the design, production, and final inspection are controlled by processes that are ISO-9001-certified.

Vertex Pipette Tips are produced in a fully-automated, climate-controlled cleanroom environment that is unparalleled in our industry. This ensures that The Peak of Pipetting promise is fulfilled in a product that is uniform, pure and worthy of your trust—every tip; every time.



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