

diamondESSENTIALS™

NEW!

# Cryogenic Vials

**Diamond® Essentials™ Cryogenic Vials** — a reliable sample storage solution that fits perfectly within your budget. These vials offer exceptional quality without the hefty price tag, making them an ideal choice for researchers seeking top-notch performance.

The range features four volumes that are among the most popular options available in the market today.

## Key Features and Benefits:

- **External threads:** Minimize the risk of sample entrapment with our vials' external threads, ensuring smoother handling and reducing the chance of sample contamination or loss
- **Extreme temperature Stability:** Safeguard your samples at temperatures as low as -196°C in vapor phase, while also withstanding temperatures up to 121°C
- **Virgin polypropylene construction:** Rest assured that your samples remain uncontaminated, as our vials are crafted from virgin polypropylene — a material known for its purity and inertness
- **Autoclavable:** Easily sterilize your vials without compromising their integrity should you wish to do so
- **Clear graduations and writing area:** Conveniently identify and label your samples using the vials' clear graduations and dedicated writing area
- **Leak-proof design:** Enjoy peace of mind knowing that your samples are securely sealed within our vials, as they offer leak-proof protection up to 85kPa
- **Self-standing star base:** Simplify sample handling with the vials' self-standing star base, providing stability and ease of use during storage and retrieval
- **Clean and pure:** Our vials are DNase, RNase, and Pyrogen free, ensuring the utmost cleanliness and integrity of your valuable samples

*Choose Diamond Essentials Cryogenic Vials for reliable, affordable, and high-quality sample storage solutions.*



**NEW!**

# diamondESSENTIALS™ Cryogenic Vials



3030-1S



3030-2S



3030-4S



3030-5S

## Specifications

| Item Code                               | 3030-1S              | 3030-2S | 3030-4S | 3030-5S |
|-----------------------------------------|----------------------|---------|---------|---------|
| Nominal Volume                          | 1mL                  | 2mL     | 4mL     | 5mL     |
| Working Volume                          | 1mL                  | 1.8mL   | 3.5mL   | 4.5mL   |
| Thread Type                             | External             |         |         |         |
| Graduations                             | Yes                  |         |         |         |
| Writing Area                            | Yes                  |         |         |         |
| Material                                | Virgin Polypropylene |         |         |         |
| Autoclavable                            | Yes                  |         |         |         |
| Certified Rnase, DNase and Pyrogen Free | Yes                  |         |         |         |
| Temperature Range                       | -196C to +121C       |         |         |         |
| Leak Proof Tested                       | 85kPa                |         |         |         |



Self-standing star base provides stability and ease of use during storage and retrieval

| Item #   | Description                                                     | Unit |
|----------|-----------------------------------------------------------------|------|
| 3030-1S  | 1.0mL, STERILE, External Threads, Conical Bottom, Self-Standing | 500  |
| 3030-2S  | 2.0mL, STERILE, External Threads, Conical Bottom, Self-Standing | 500  |
| 3030-4S  | 4.0mL, STERILE, External Threads, Conical Bottom, Self-Standing | 500  |
| 3030-5S  | 5.0mL, STERILE, External Threads, Conical Bottom, Self-Standing | 500  |
| 3030-CIR | Red Cap Insert for Diamond Essentials Cryogenic Vials           | 500  |
| 3030-CIB | Blue Cap Insert for Diamond Essentials Cryogenic Vials          | 500  |
| 3030-CIY | Yellow Cap Insert for Diamond Essentials Cryogenic Vials        | 500  |
| 3030-CIG | Green Cap Insert for Diamond Essentials Cryogenic Vials         | 500  |
| 3030-CIW | White Cap Insert for Diamond Essentials Cryogenic Vials         | 500  |



Available color coded cap inserts aid in sample identification



3030-CIR



3030-CIB



3030-CIY



3030-CIG



3030-CIW

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