

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.



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diamondESSENTIALS™ Cryogenic Vials



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



Available color coded cap inserts aid in sample identification

| 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 |



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