

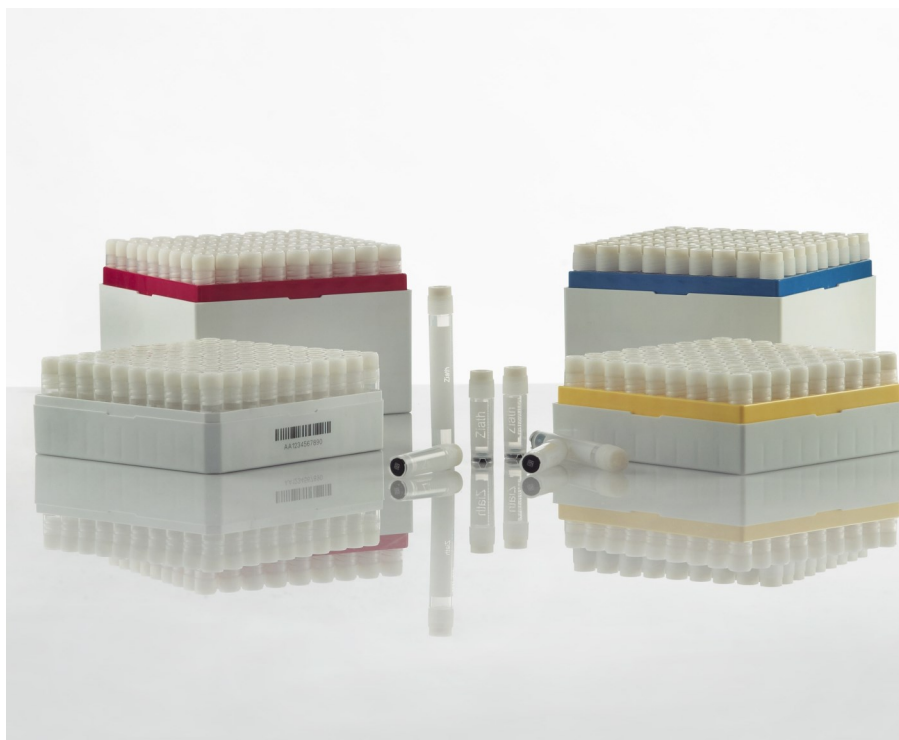


PRACTICAL INNOVATION

CryzoTraq™ 2D Barcoded Cryovials

Ziath

Biozym
SCIENCE IS OUR BUSINESS



- Internally or externally threaded caps
- 2D barcode on base of tube
- Linear barcode and human readable code printed on side
- Innovative 2-stage injection moulding of cap produces a leak-free seal
- 81-place or 100-place cryoboxes
- 2D barcode on base of cryobox for automatic orientation recognition
- CryzoTraq™ cryogenic vials available in 2ml or 5ml volumes

Ziath's range of CryzoTraq™ cryogenic vials are designed for cryogenic storage of biological specimens at temperatures as low as -196°C. The range features outstanding leak resistance with a rubber o-ring moulded into the screw cap. The tubes are available in 2ml or 5ml volumes with an internally or externally threaded cap.

All CryzoTraq™ tubes have a 2D datamatrix barcode inserted in the base of the tube. The insert is secured in place by the use of ultrasound to weld it into place. During the manufacturing process, the linear barcode is printed onto the side of the tube first, and the 2D code is automatically generated from the linear barcode therefore ensuring the two barcodes will always be the same with no errors.



Ziath DataPac™ Multirack 2D Barcode Scanner

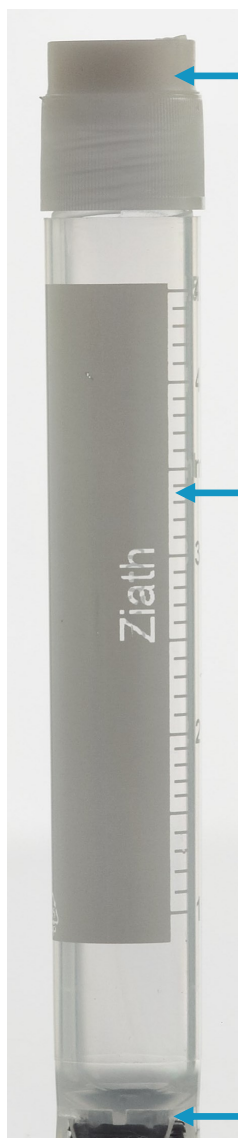
The 2D barcoded CryzoTraq™ cryogenic vials can be de-coded using Ziath's DataPac™ Multirack scanner. With various options for rack configurations, the DataPac™ Multirack scanner quickly decodes the 2D barcodes (5 seconds per rack).



PRACTICAL INNOVATION

CryoTraq™: 2D Barcoded Cryogenic Vials

Features and Benefits



Innovative 2-stage injection moulding of cap:

- Leak-free
- Prevents contamination
- Excellent grip

Clear printing and excellent clarity of the tube make the sample easy to see

Free-standing base with locking system



Printed with a serial barcode (code 128) on each tube.



The screw-cap design is suitable for use with an automatic decapper



The 2D code is automatically generated from the linear barcode during the manufacturing process

Quality & Certification

Our vials are manufactured in accordance with ISO 13485:2003, in compliance with ISO 14644 and 14698 (Federal Standard 209) and in a Class 7 cleanroom (Class 10,000). The vials are certified free from DNA, DNase, RNase, pyrogens and ATP. Each lot is sterilised with beta radiation. Our tubes are manufactured from medical grade polypropylene and the caps from medical grade polyethylene.

WARNING: Do not use vials for storage in liquid phase nitrogen. This may cause entrapment of liquid nitrogen within the vial and lead to pressure build-up, resulting in possible explosion of the vial and / or biohazard release.



PRACTICAL INNOVATION

External and Internal Threaded Caps

External Thread Cap

Ordering Information

| Code | Description | Quantity |
|--------|--|----------|
| 590012 | CryzoTraq™ 2ml 2D Barcoded Cryogenic Vial, External Thread | 10x50 |
| 590022 | CryzoTraq™ 5ml 2D Barcoded Cryogenic Vial, External Thread | 10x50 |



See the next page for ordering details of our 81-place and 100-place cryoracks.

They are standard size making them suitable for most types of cryo-racking.

Internal Thread Cap

Ordering Information

| Code | Description | Quantity |
|--------|--|----------|
| 590010 | CryzoTraq™ 2ml 2D Barcoded Cryogenic Vial, Internal Thread | 10x50 |
| 590020 | CryzoTraq™ 5ml 2D Barcoded Cryogenic Vial, Internal Thread | 10x50 |



Our internally threaded CryzoTraq™ tubes can be stored in our 100-place cryobox.

See the next page for ordering details and further information.



The CryzoTraq™ range includes polycarbonate boxes for storage of the CryzoTraq™ tubes. They are available in 81 or 100 place boxes. These durable cryogenic storage boxes are designed to be used at temperatures between -196°C and +121°C (i.e. suitable for autoclaving). A transparent cover with numbering allows the user to see the contents of the box, and is keyed to the base to prevent misalignment. The 81 place has a coloured grid, whilst the 100 place box has a pegged base to maximise space. Four colours are available: blue, red, green and yellow.



The base of each cryogenic box has a 2D barcode laser etched on to the base. This is used when scanning the tubes, as the Ziath DataPaq™ 2D barcode scanning software uses this extra 2D barcode to determine the orientation of the rack on the scanner bed.

Ordering Information

| Code | Description | Quantity |
|--------|---|----------|
| 590030 | CryzoTraq™ Box, 81 place for 2ml 2D Tube | 5 boxes |
| 590032 | CryzoTraq™ Box, 81 place for 5ml 2D Tube | 4 boxes |
| 590040 | CryzoTraq™ Box, 100 place for 2ml 2D Tube | 5 boxes |
| 590042 | CryzoTraq™ Box, 100 place for 5ml 2D Tube | 4 boxes |
| 590050 | Vial Picker for CryzoTraq™ Tubes | 6 x 100 |