



PRACTICAL INNOVATION



## TraceTraq™ 2D Barcoded Sample Storage Tubes



- Manufactured under ISO 8 clean room conditions
- 2D barcode is an integral part of the tube; no glue, sticker, cap insertion
- Stable down to  $-196^{\circ}\text{C}$  or vapour phase liquid nitrogen
- 2D barcode on base of rack for automatic orientation recognition
- Sterile or non-sterile
- Automation compatible
- Certified DNA, RNA, DNase, RNase and endotoxin free

Ziath's range of TraceTraq™ high density tubes are designed to optimise storage of biological samples at temperatures as low as  $-196^{\circ}\text{C}$ . All tubes feature a permanent, laser etched 2D barcode at the base of the tube, which when combined with Ziath's DataPaq™ scanner and software options, provides a fast & efficient solution for managing and tracking your precious samples.

Each tube has a unique code and coordinates within a rack, which when decoded with the scanner guarantees that every sample is assigned a unique identity and location. Each rack has a linear barcode and human readable code lasered onto the side. For automation orientation recognition there is a matching 2D barcode lasered onto the base of the rack. With a compression ring moulded into the screw cap, TraceTraq™ caps feature outstanding leak resistance. The tubes are available in 0.75ml or 1.4ml volumes.



### Ziath DataPaq™ 2D Barcode Scanners

The TraceTraq™ tubes can be de-coded using Ziath's DataPaq™ scanners. The software is intuitive to use, easy to install and comes with the expertise and support from Ziath.

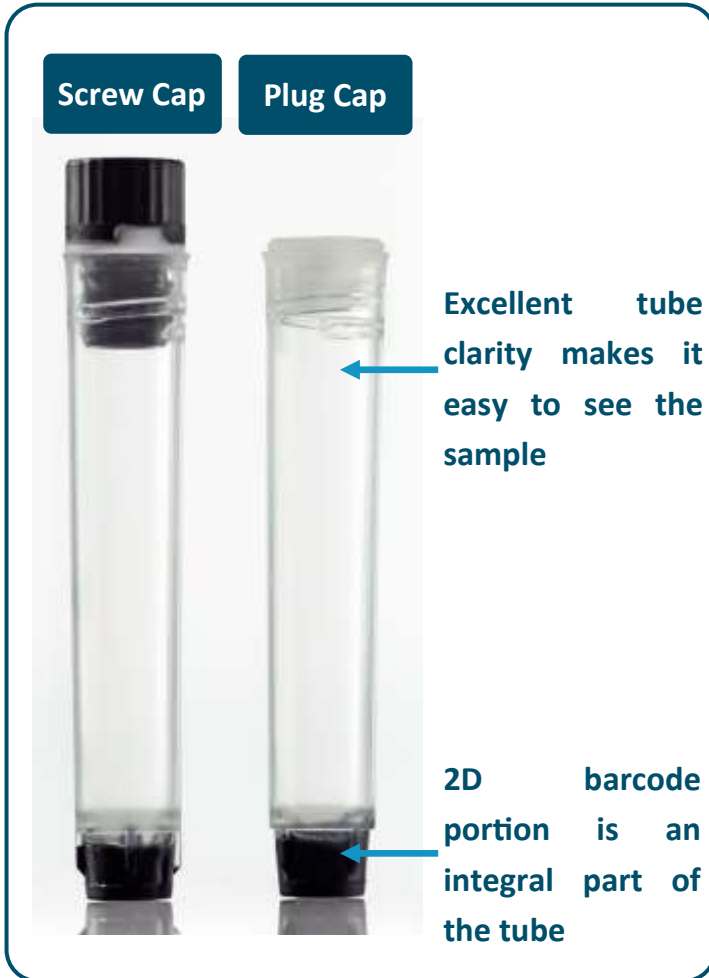
Contact Ziath for more information on the DataPaq™ range of 2D barcode scanners.



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# TraceTraq™ Features and Benefits

## Features and Benefits



The rack is SBS, stackable with a linear barcode on the side and a matching 2D barcode on the base.



The plug cap has a cross-hatch impression making it easy to pierce. Screw caps or plug caps can be used on the same tubes.

## Quality & Certification

Our TraceTraq™ tubes are manufactured using virgin medical grade polypropylene under ISO 8 clean room conditions and available sterile with gamma radiation. ETO treatment is also an option. Products are certified free from DNA, RNA, DNase, RNase and endotoxins.

They are suitable for use between -196°C and 200°C.



The screw cap is manufactured from polyethylene and has an integral TPE closing ring thanks to the 2-component moulding technique.





## Tube Overview

Description	0.75ml TraceTraq™ Tubes	1.4ml TraceTraq™ Tubes
Max working volume with screw cap	520µl	1110µl
Max working volume with plug cap	620µl	1220µl
Tube Height	27.0mm	45.0mm
Tube Height with plug cap	28.0mm	46.0mm
Tube Height with screw cap	33.0mm	52.0mm
Inner diameter (mm)	6.8mm	6.8mm
Outer diameter (mm)	8.4mm	8.4mm
Pitch (mm)	9.0mm	9.0mm

## Rack Features



Our TraceTraq™ tubes are available in SBS format, 96-tube racks which have clear one-piece lids for easy sample viewing that lock onto the rack base. The rack features a “spin-stop” design, which prevents the tubes from turning, making the screw cap versions suitable for automated decapping. The side of the rack has a linear barcode and human readable code etched onto it. The underside of the rack features a laser etched 2D barcode that matches the barcode located on the side. The 2D barcode on the underside enables a scanner to automatically determine the orientation of the rack.



Linear barcode and human readable code is etched onto the side of each rack.



2D barcode on the underside of the rack matches the linear barcode etched on the side.



Clear one-piece lids allow for easy sample retrieval and viewing.



## Ordering Information

Product	Code	Description	Quantity
<b>TraceTraq™ 96 Tube Racks</b>			
Racked Tubes (no cap)	ZTS-TT-075-50	0.75ml TraceTraq™ tubes in MiniRack 96	5 packs of 10x96
	ZTS-TT-1400-50	1.4ml TraceTraq™ tubes in MaxiRack 96	5 packs of 10x96
PreCapped Racked Tubes	ZTS-TT-075-SCW-50	0.75ml TraceTraq™ tubes, black screw cap in MiniRack 96	5 packs of 10x96
	ZTS-TT-1400-SCW-50	1.4ml TraceTraq™ tubes, black screw cap in MaxiRack 96	5 packs of 10x96



TraceTraq™ 96 Racked tubes with screw caps



TraceTraq™ 96 Racked tubes with no caps



TraceTraq™ 96 Plug-Style cap mats

Product	Code	Description	Quantity
<b>Caps for TraceTraq™ Tubes</b>			
Screw Caps	ZTS-96SC-W-50	Screw Cap for TraceTraq™ tubes, white	5 bags x 960 (4800 caps)
	ZTS-96SC-BK-50	Screw Cap for TraceTraq™ tubes, black	5 bags x 960 (4800 caps)
	ZTS-96SC-B-50	Screw Cap for TraceTraq™ tubes, blue	5 bags x 960 (4800 caps)
	ZTS-96SC-R-50	Screw Cap for TraceTraq™ tubes, red	5 bags x 960 (4800 caps)
	ZTS-96SC-G-50	Screw Cap for TraceTraq™ tubes, green	5 bags x 960 (4800 caps)
	ZTS-96SC-Y-50	Screw Cap for TraceTraq™ tubes, yellow	5 bags x 960 (4800 caps)
Plug-Style Caps	ZTS-96C-W-50	Plug-Style Cap for TraceTraq™ tubes, white	5 packs x 10 mats (50 mats)
	ZTS-96C-BK-50	Plug-Style Cap for TraceTraq™ tubes, black	5 packs x 10 mats (50 mats)
	ZTS-96C-B-50	Plug-Style Cap for TraceTraq™ tubes, blue	5 packs x 10 mats (50 mats)
	ZTS-96C-R-50	Plug-Style Cap for TraceTraq™ tubes, red	5 packs x 10 mats (50 mats)
	ZTS-96C-G-50	Plug-Style Cap for TraceTraq™ tubes, green	5 packs x 10 mats (50 mats)
	ZTS-96C-Y-50	Plug-Style Cap for TraceTraq™ tubes, yellow	5 packs x 10 mats (50 mats)