

Thermo Scientific Abgene® 2D Barcoded Twist-Lock™ Storage Tubes

~~Thermo Scientific Abgene 2D Barcoded Twist-Lock Storage Tubes are the ideal solution for sample storage in virtually any laboratory condition, including Vapor Phase Liquid Nitrogen. A 2D barcode is permanently encapsulated onto the base of every tube for safe, secure identification and tracking of samples, while Thermo Scientific 2D barcode readers allow simple decoding and integration into existing databases or tracking systems.~~



Secure Tracking. A unique 2D barcode is encapsulated onto the base of every Thermo Scientific Abgene 2D barcoded twist-lock storage tube to securely identify and track samples, even in the harshest of laboratory conditions. Instantly decode each tube's 2D barcode with the Thermo Scientific line of 2D barcode readers; scan the tube into any application or database, or integrate via various data export options—the choice is yours. Once sample data is stored, just scan the tube using the database “find” feature to instantly access sample information and identify the contents of each storage tube.

Superior Cap Design. Made of a highly chemical-resistant thermoplastic elastomer and designed to prevent sample from entering the threads of the tubes, our 2D barcoded twist-lock storage tubes protect against potential contamination and sample loss. ~~Coupled with the Thermo Scientific ALTO 8™ Screw Top Decapper, increase throughput by decapping and recapping an entire column of tubes at once.~~

Enhanced Rack Format. Unlike traditional storage tubes or blocks, our 2D barcoded twist-lock storage tubes are available in our specially-designed, stackable, microplate-footprint racks to save precious space in your freezer, refrigerator, compound store or on the bench top. With grid-referenced lids for simple identification of tube location, the rack design not only enables multichannel pipette access, but is compatible with automated liquid handlers.

Stringent Quality Control. Every 2D barcoded storage tube is scanned to ensure readability and each code is checked against a full database of all previously assigned 2D codes to ensure zero duplicates across the entire line of our 2D barcoded storage tubes. In addition, each lot of storage tubes is leak tested to ensure the integrity and security of samples.

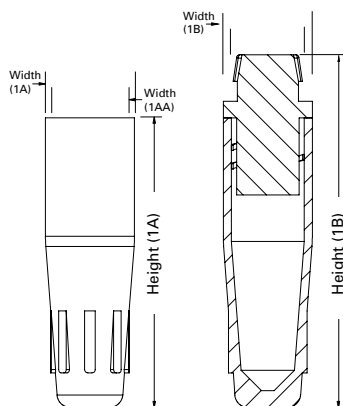
Knowledgeable Support. Our team has a strong reputation for supporting both equipment and consumables, and can demonstrate simple ways to improve sample management in your laboratory using our 2D barcoded twist-lock storage tubes coupled with the Thermo Scientific line of 2D barcode readers.

Thermo Scientific Abgene 2D Barcoded Twist-Lock Storage Tubes

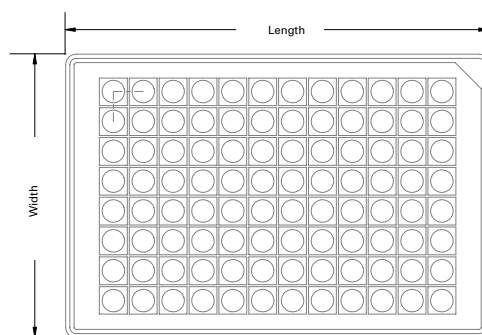
Tube Material	Polypropylene
Rack Material	Polypropylene
Cap Material	Thermoplastic elastomer
Tube Temperature Range	-180 °C to 120 °C
Tube Working Volume (Frozen)	500 µl for 0.5 ml; 925 µl for 1 ml
Autoclavable	Yes, with cap loosened
2D Code Choices	Non-proprietary, 14x14 Data-matrix with ECC200 Built-in Error Correction

Dimensions

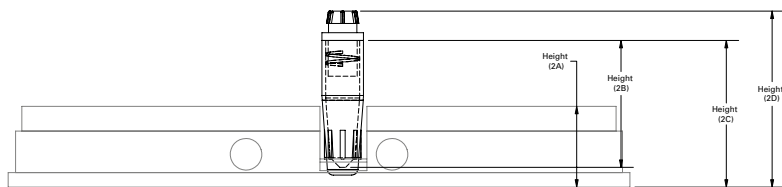
Description		0.5 ml 2D Barcoded Twist-Lock Storage Tubes	1.0 ml 2D Barcoded Twist-Lock Storage Tubes
Item No.		AB-1314, AB-1313	AB-1438, AB-1249, AB-1248
Figure 1A: Tube Side View	Width (1A)	8.45 [0.333]	8.45 [0.333]
	Width (1AA)	6.85 [0.270]	6.90 [0.272]
	Height (1A)	27.66 [1.089]	43.61 [1.717]
Figure 1B: Tube Side View w/ Cap	Width (1B)	8.51 [0.335]	8.51 [0.335]
	Height (1B)	33.66 [1.325]	49.53 [1.950]
Figure 2: Rack Side View	Height (2A)	16.50 [0.650]	33.10 [1.303]
	Height (2B)	24.77 [0.975]	42.05 [1.656]
	Height (2C)	29.36 [1.156]	45.60 [1.795]
	Height (2D)	35.71 [1.406]	51.94 [2.045]
Figure 3: Rack Top View	Length	127.76 ± 0.25 [5.030 ± 0.010]	127.76 ± 0.25 [5.030 ± 0.010]
	Width	85.48 ± 0.25 [3.365 ± 0.010]	85.48 ± 0.25 [3.365 ± 0.010]
Figure 4: Stacked Rack View	Single Height (4A)	38.50 [1.516]	53.50 [2.106]
	Stacked Height (4B)	37.47 [1.475]	52.20 [2.055]
	Height (4C)	75.82 [2.985]	105.79 [4.165]



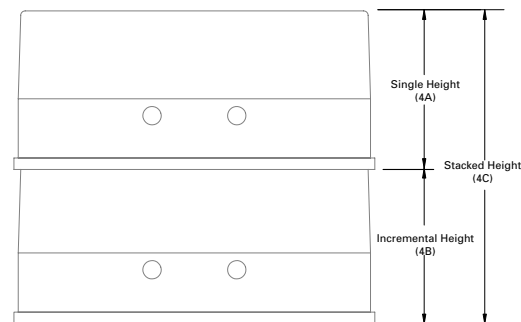
▲ Figure 1: Tube Side View



▲ Figure 3: Rack Top View



▲ Figure 2: Rack Side View



▲ Figure 4: Stacked Rack View

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