

**Thermo Scientific Abgene 2D Barcoded Storage Tubes are available in volumes ranging from 300  $\mu$ l to 1.2 ml, all in compact, microplate-footprint rack designs. Permanently encapsulated 2D barcodes enable safe, secure sample identification and tracking.**

## Thermo Scientific Abgene 2D Barcoded Storage Tubes



**Secure Tracking.** A unique 2D barcode is encapsulated onto the base of every Thermo Scientific Abgene 2D barcoded storage tube to securely identify and track samples, even in the harshest of laboratory conditions. The Thermo Scientific line of 2D barcode readers allow instant decoding of each barcode and sample entry into virtually any file or database application, permanently linking the tube contents to the unique 2D code.

**Superior Sample Protection.** Several sealing options are available, pre-installed or in bulk, including pierceable cap designs, such as Thermo Scientific Abgene SmartCap Mats and Thermo Scientific Matrix<sup>®</sup> SepraSeal<sup>®</sup> capping system. For applications involving repetitive sample access, maintain sample integrity with Thermo Scientific Abgene Multisip<sup>™</sup> Plugs and Thermo Scientific Matrix DuraSeal<sup>®</sup> caps. The Thermo Scientific Multisip Applicator or Thermo Scientific SuperSealer ensure sealing is secure and consistent every time.

**Enhanced Rack Design.** Abgene<sup>®</sup> 2D barcoded 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. Optional stackable racks without lids facilitate automated liquid handling, eliminating robotic picking and placing of lids.

**Stringent Quality Control.** Every 2D barcoded storage tube is scanned to ensure readability and each code is checked to ensure zero duplicates across the entire line of 2D barcoded storage tubes. In addition, each lot of storage tubes is leak tested to ensure the integrity and security of samples.

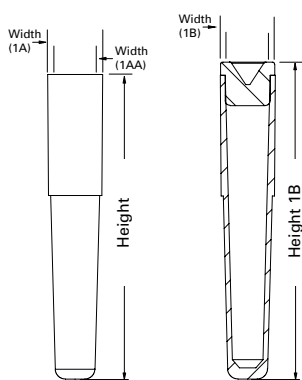
**Knowledgeable Support.** Our team has a strong reputation for supporting both equipment and consumables, and can demonstrate simple ways to improve sample management in your laboratory.

## Thermo Scientific Abgene 2D Barcoded Storage Tubes

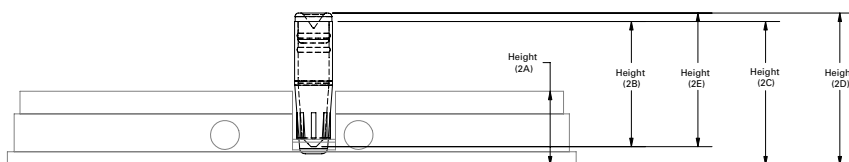
Tube Material	Polypropylene
Rack Material	Polypropylene
Temperature Range	-80 °C to 120 °C
Autoclavable	Yes
2D Code Choices	Non-proprietary, 14x14 Data-matrix with ECC200 Built-in Error Correction

### Dimensions

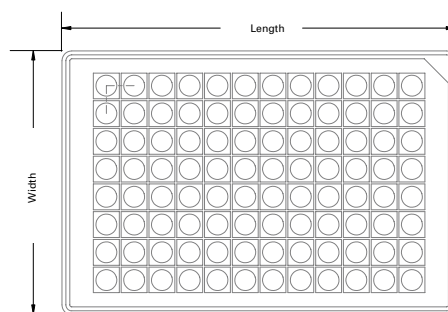
Description		0.3 ml 2D Barcoded Storage Tubes	0.65 ml 2D Barcoded Storage Tubes	1.2 ml 2D Barcoded Storage Tubes	1.2 ml 2D Barcoded Tubes in Stackable Racks
<b>Item No.</b>		AB-1440, AB-1409, AB-1410	AB-1188, AB-1186, AB-1187	AB-1150, AB-1185, AB-1228, AB-1180, AB-1229	AB-1148, AB-1149
<b>Figure 1A: Tube Side View</b>	Width (1A)	8.46 [0.333]	8.56 [0.337]	8.46 [0.333]	8.46 [0.333]
	Width (1AA)	6.91 [0.272]	6.91 [0.272]	6.91 [0.272]	6.91 [0.272]
	Height (1A)	20.37 [0.802]	29.72 [1.170]	46.94 [1.848]	46.76 [1.841]
<b>Figure 1B: Tube Side View w/ Multisip</b>	Width (1B)	8.26 [0.325]	8.26 [0.325]	8.26 [0.325]	8.26 [0.325]
	Height (1B)	22.35 [0.880]	31.75 [1.250]	48.82 [1.922]	48.77 [1.920]
<b>Figure 2: Rack Side View</b>	Height (2A)	16.64 [0.655]	16.50 [0.650]	31.62 [1.245]	53.98 [2.125]
	Height (2B)	18.75 [0.738]	28.14 [1.108]	45.29 [1.783]	45.11 [1.776]
	Height (2C)	22.10 [0.870]	31.57 [1.243]	48.84 [1.923]	51.31 [2.020]
	Height (2D)	24.13 [0.950]	33.60 [1.323]	50.88 [2.003]	53.34 [2.100]
	Height (2E)	20.78 [0.818]	30.18 [1.188]	47.32 [1.863]	47.14 [1.856]
<b>Figure 3: Rack Top View</b>	Length	127.76 ± 0.25 [5.030 ± 0.010]	127.76 ± 0.25 [5.030 ± 0.010]	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]	85.48 ± 0.25 [3.365 ± 0.010]	85.48 ± 0.25 [3.365 ± 0.010]
<b>Figure 4: Stacked Rack View</b>	Single Height (4A)	28.45 [1.120]	38.50 [1.516]	56.21 [2.213]	56.13 [2.210]
	Stacked Height (4B)	27.46 [1.081]	37.41 [1.473]	54.43 [2.143]	49.73 [1.958]
	Height (4C)	55.83 [2.198]	75.82 [2.985]	110.87 [4.365]	110.24 [4.340]



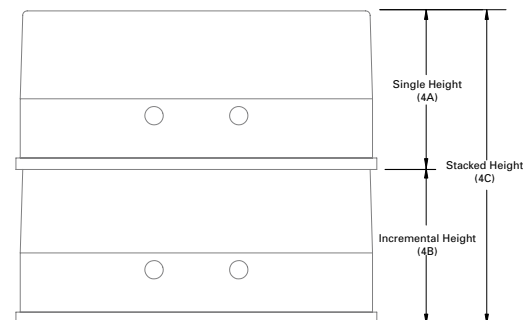
▲ Figure 1: Tube Side View



▲ Figure 2: Rack Side View



▲ Figure 3: Rack Top View



▲ Figure 4: Stacked Rack View

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