

Collect

Start by selecting the proper storage tube for your sample. We make it easy for you with a wide choice of tubes to start with, and a large assortment of seals, racks and tools for tracking and processing your important samples.

Thermo Scientific Matrix and Nunc 2D Storage Tubes

When your workflow includes semi-automated and fully-automated platforms for high throughput, Thermo Scientific™ tubes allow robust storage and tracking of sample volumes ranging from 70 µL to 12 mL in 384-, 96-, 48- and 24-place arrays. We have storage formats available for temperatures down to VPLN, and multiple sealing options including ScrewTop caps and septa seals. Solid, one-piece construction means there are no labels to fall off and tubes made from medical-grade resins are supplied free of RNase, DNase, endotoxins and cytotoxins and SAL down to 10^{-6} .

Thermo Scientific™ Matrix™ Storage Tubes

Recommended Usage:

- > Ideal for high throughput storage with automation friendly design features
- > Processes which require shipments of samples to other sites requiring human readable labeling benefit from tubes with smooth sides
- > Screw cap tubes with volumes down to 200 µL enable small volume storage which support maximizing storage space
- > Tubes with pierce-able seals for simple downstream sample access
- > Small volume 384 tubes ideal for single use biological and other genomic applications to prevent freeze/thaw cycles
- > Available in Amber for storage of light sensitive material
- > Range of cap color options for quick sample identification

Matrix storage tubes feature high-contrast laser-etched 2D barcodes and standard microplate-format racks. Compatible with the complete line of 2D barcode readers, capping/decapping and arraying equipment, Matrix tubes are suited to benchtop and high-throughput applications.

-20°C
-80°C
VPLN



Designed for automated systems including liquid handling, decappers and other automated platforms

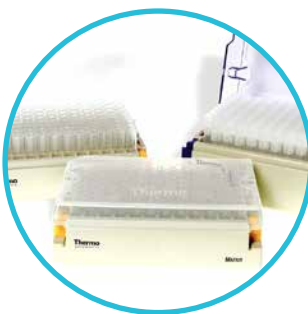


Matrix tubes are 100% leak tested to ensure tube integrity and sample security



Rack base and tube design prevents the tube from spinning in the rack when decapping whether single tube hand decapping or, multi channel automated decapping

Available in Latch Racks, specially-designed, stackable racks with a microplate footprint



Thermo Scientific™
VisionMate™ Barcode Readers
Scan 2D barcoded storage tubes to easily track and manage sample data
see page 14



Laser-etched 2D barcode on the base of every tube ensures secure sample tracking with highest contrast available for readability even with some frost on the tube

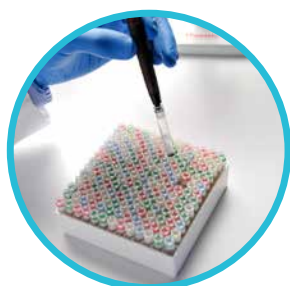
Thermo Scientific™ Nunc™ CryoBank™ Tubes ✓

Recommended Usage:

> Choose for the locking rack when benchtop use and frequent lab movement is required

Nunc CryoBank storage tubes are ideal for users who need locking tubes that are not going to fall out during frequent movement and use without a rack lid. Trust Nunc storage tubes for ultra low temperature storage down to the vapor phase of liquid nitrogen.

VPLN



Same box, double the storage capacity.

169 1.0 mL Nunc CryoBank tubes fit into a standard Thermo Scientific™ CryoBox™ with a 13 x 13 divider. See Dense Storage Option, see the Cryostorage Products Guide.



ScrewTop can be resealed

numerous times with no effect on sealing integrity and can be stored down to the vapor phase of liquid nitrogen



Laser-etched 2D barcode on the base of every tube ensures secure sample tracking with the highest contrast code available for reading even with some frost on the tubes



Screw Cap with integrated gasket ensures a tight seal every time and compatible with storage across a range of temperatures.



Locking rack enables frequent movement around the lab without tubes falling out, even when rack is held upside down and anti-rotation features prevent tubes from spinning during capping and decapping

What's New in tubes

Find catalog numbers for Nunc CryoBank and Matrix Storage Tubes on page 18-21.

This is a truly universal product line, with caps, tubes and racks compatible with decappers, liquid handlers and any equipment or racking that handles microplate-footprint storage. The products still allow the flexibility of septa, heat sealing or screw-top closure depending upon the need.

For more information on Cappers/Decappers see page 10.
For more information on Racks see page 17.