

Nunc cryotubes: a robust supply of quality 2D storage tubes and racks

Client

An established, research-driven biotechnology company

Background

The client provides integrated services across the drug development lifecycle to the pharmaceutical and biotechnology sectors globally, specializing in biomarker-driven clinical trials. With a soon-approaching pilot study, the client was required to identify a supplier who could ensure that their immediate and future needs for 2D storage tubes and racks could reliably and consistently be met. With their studies potentially being conducted over several years, it was also essential for the storage tubes to come with a well-documented shelf life. The client chose Thermo Scientific™ Nunc™ 2D storage tubes over options from other suppliers because of Thermo Fisher Scientific's ability to provide clear and accurate lead times and the necessary documentation to certify that our product's shelf life was able to meet the client's needs.

Challenges

With their current supplier unable to provide clear and accurate lead times and the need to effectively execute a fast-approaching pilot study to ensure future business, the client was tasked with identifying a supplier who could meet their immediate and future demand for 2D storage tubes and racks. Given they succeed with the pilot study, the client would then begin to conduct larger studies over several years. This required the 2D storage tubes to have a well-documented shelf life, assuring the tubes would remain usable for the duration of the client's larger studies when provided in large quantities. Having purchased similar products from Thermo Fisher, the client had the local distributor contact us and ask if we could accommodate their request and requirements.

Capabilities

- Ensure capacity, accurate lead times, and alignment for execution (speed of delivery, meeting lead times, and volume demand)
- Global supply footprint and robust manufacturing capabilities, allowing for an extensive distribution network that includes regional local distributors



- Well-documented product specifications and shelf life
- Integrated quality systems covering supply chain, manufacturing, and quality control processes in an ISO 13485–certified facility

Partnership

Establishing an open and collaborative partnership is at the core of our business to thoroughly understand the client's technical and supply chain needs. This creates confidence in Thermo Fisher to fulfil specific requirements and overcome logistical challenges, allowing the client to focus on growing their business.

Results

The client chose to work with Thermo Fisher because of our ability to respond quickly and provide a robust supply of quality 2D storage tubes and racks for their current and future studies. Our dedicated OEM and Commercial Supply cross-functional team partnered with the client to fully understand their requirements and timelines so that we could ensure capacity, lead times, and alignment for successful execution.

Nunc 2D-barcode storage tubes have strong design and performance characteristics that support the client's specific needs. Under stringent quality control, every tube

has a sterility assurance level (SAL) of 10^6 and is made of class VI medical-grade resins. Each 2D-barcode storage tube is scanned to ensure readability, and, with each unique barcode laser-etched onto the base of the tube, samples can be securely identified and tracked. Manufactured as a single-piece construction with a molded-in gasket, the tube and its thermoplastic elastomer gasket material are compatible with storage at room temperature down to the temperature of vapor phase liquid nitrogen, enabling the client to store collected samples securely at their required storage conditions.

Thermo Fisher provided documentation for the product specifications and shelf life. This gave the client confidence in the product's ability to perform at the required level during the duration of their studies. Summary

To ensure their immediate and future needs for 2D storage tubes and racks could reliably and consistently be met, the client relied on Thermo Fisher as a single source supplier. Through an open and collaborative partnership, our dedicated OEM and Commercial Supply cross-functional team quickly responded to identify the client's immediate needs, required lead times, and product requirements, enabling the client to focus on the effective execution of their pilot study and grow their business.



About Thermo Fisher Scientific OEM and Commercial Supply

The breadth of our product portfolio affords our partners a range of options in selecting tailored technologies to help shorten their development timelines and maximize return on investment. Additionally, our dedicated OEM and Commercial Supply cross-functional team understands the unique nature of OEM requirements to make the partnership process a smooth one.

Our best-in-class manufacturing processes, certified cleanroom facilities, integrated quality management systems, and extensive R&D experience enable us to produce high-quality products and develop innovative workflow solutions for partners in life science research, diagnostics manufacturing, and industrial markets.

A solid worldwide infrastructure helps ensure on-time delivery, long-term sustainability, and exceptional service and support. Our team works with you every step of the way.



Learn more at thermofisher.com/SampleStorageTubes

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