

# Northstar Vascular Cell Lab

Fictional demonstration inventory

## Activity and exceptions report

1 Apr 2026 to 30 Jun 2026

Generated 2026-08-24 09:31

At the end of this period the lab held 95 vials across 2 tanks. 23 were stored and 5 removed during the period, a net gain of 18 once records struck out, removals taken back and vials found again are counted. No items were left outstanding. Every figure above is derived from the records as they stood at the data cutoff; the running-low section, where shown, is about today.

Report ID R-20260824-DEM001  
Generated 2026-08-24 09:31 (UTC-05:00)  
Generated (UTC) 2026-08-24 14:31  
Data cutoff 2026-08-24 09:31  
App version 0.1.0 (build 1)  
Database schema v20  
Report format v1  
Tablet identifier T-20260824-EE6WZK – self-assigned, not verified

### What this record is

Figures read from one database at the data cutoff below, by the build named below. Each entry carries the date and time it was recorded, the name the person doing it selected in the app, and the position the vial was in at the time.

### What it is not

Names are selected, not authenticated – this app does not verify who is holding the tablet. Nothing here is a certification against any standard, and nothing here prevents this file being altered after it leaves the tablet.

## Storage

| Tank                 | Vials held | Positions | Utilisation |
|----------------------|------------|-----------|-------------|
| Dewar A (bench side) | 60         | 3888      | 1.5%        |
| Dewar B (cold room)  | 35         | 2400      | 1.5%        |

Actions recorded during the period

A count of what was done, not a stock reconciliation — a vial moved twice is two entries, and a vial stored and then removed is counted under both. The net line is the one that reconciles: added to what was held at the start of the period, it gives the figure at the top of this report.

| Action                      | Count |
|-----------------------------|-------|
| Vials stored                | 23    |
| Vials removed               | 5     |
| Vials moved                 | 1     |
| Marked missing              | 1     |
| Records struck out          | 0     |
| Strikes taken back          | 0     |
| Removals taken back         | 0     |
| Marked missing, later found | 1     |
| Liquid nitrogen fills       | 25    |
| Net change in vials held    | +18   |

Outstanding items

Nothing was left unresolved during this period.

Held at the end of the period

| Cell line | Passage | Vials |
|-----------|---------|-------|
| AC16      | P11     | 9     |
| AD-MSC    | P4      | 8     |

| Cell line | Passage | Vials |
|-----------|---------|-------|
| BM-MSC    | P3      | 12    |
| HAEC      | P5      | 8     |
| HASMC     | P6      | 7     |
| HCAEC     | P3      | 7     |
| HDF-a     | P9      | 6     |
| HMVEC-L   | P6      | 5     |
| HPAEC     | P8      | 5     |
| HUVEC     | P4      | 11    |
| HUVEC     | P6      | 1     |
| HUVEC-GFP | P7      | 6     |
| iPSC-NS1  | P12     | 4     |
| NIH3T3    | P152    | 1     |
| NIH3T3    | P22     | 5     |

Chain of custody

Positions are where the vial was when each entry was recorded, reconstructed from the moves since. A move shows where it went in the note beside it. "Not recorded" means the vial moved before the app kept from-positions, and today's address has deliberately not been substituted.

| When             | What            | Vial         | Position at the time                       | By         | Note |
|------------------|-----------------|--------------|--------------------------------------------|------------|------|
| 2026-04-02 09:30 | Stored          | CI-DEMO-1055 | Dewar B (cold room) / Cane 1 / Box 2 / 1-1 | Maya Chen  |      |
| 2026-04-02 16:40 | Liquid nitrogen |              | Dewar B (cold room)                        | Priya Shah |      |
| 2026-04-03 08:15 | Liquid nitrogen |              | Dewar A (bench side)                       | Maya Chen  |      |

| When             | What              | Vial         | Position at the time                       | By          | Note           |
|------------------|-------------------|--------------|--------------------------------------------|-------------|----------------|
| 2026-04-04 09:30 | Stored            | CI-DEMO-1056 | Dewar B (cold room) / Cane 1 / Box 2 / 1-2 | Luis Ortega |                |
| 2026-04-06 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 1 / Box 2 / 1-3 | Priya Shah  |                |
| 2026-04-08 09:30 | Stored            | CI-DEMO-1057 | Dewar B (cold room) / Cane 1 / Box 2 / 1-4 | Maya Chen   |                |
| 2026-04-08 10:20 | Removed           | CI-DEMO-1004 | Dewar A (bench side) / Cane 1 / Box 1 / A5 | Maya Chen   | Thawed for use |
| 2026-04-08 12:30 | Confirmed by scan | CI-DEMO-1004 | Dewar A (bench side) / Cane 1 / Box 1 / A5 | Maya Chen   |                |
| 2026-04-09 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                |
| 2026-04-10 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                |
| 2026-04-10 09:30 | Stored            | CI-DEMO-1058 | Dewar B (cold room) / Cane 1 / Box 2 / 1-5 | Luis Ortega |                |
| 2026-04-12 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 1 / Box 2 / 1-6 | Priya Shah  |                |
| 2026-04-14 09:30 | Stored            | CI-DEMO-1059 | Dewar B (cold room) / Cane 1 / Box 2 / 1-7 | Maya Chen   |                |
| 2026-04-16 09:30 | Stored            | CI-DEMO-1060 | Dewar B (cold room) / Cane 1 / Box 2 / 1-8 | Luis Ortega |                |
| 2026-04-16 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                |
| 2026-04-17 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                |
| 2026-04-18 09:30 | Stored            | CI-DEMO-1061 | Dewar B (cold room) / Cane 2 / Box 1 / 1-1 | Priya Shah  |                |
| 2026-04-20 09:30 | Stored            | CI-DEMO-1062 | Dewar B (cold room) / Cane 2 / Box 1 / 1-2 | Maya Chen   |                |

| When             | What              | Vial         | Position at the time                       | By          | Note                      |
|------------------|-------------------|--------------|--------------------------------------------|-------------|---------------------------|
| 2026-04-22 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 2 / Box 1 / 1-3 | Luis Ortega |                           |
| 2026-04-23 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                           |
| 2026-04-24 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                           |
| 2026-04-24 09:30 | Stored            | CI-DEMO-1063 | Dewar B (cold room) / Cane 2 / Box 1 / 1-4 | Priya Shah  |                           |
| 2026-04-25 10:20 | Removed           | CI-DEMO-1009 | Dewar A (bench side) / Cane 1 / Box 1 / B4 | Priya Shah  | Thawed for use            |
| 2026-04-25 12:30 | Confirmed by scan | CI-DEMO-1009 | Dewar A (bench side) / Cane 1 / Box 1 / B4 | Priya Shah  |                           |
| 2026-04-26 09:30 | Stored            | CI-DEMO-1064 | Dewar B (cold room) / Cane 2 / Box 1 / 1-5 | Maya Chen   |                           |
| 2026-04-28 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 2 / Box 1 / 1-6 | Luis Ortega |                           |
| 2026-04-30 09:30 | Stored            | CI-DEMO-1065 | Dewar B (cold room) / Cane 2 / Box 2 / 1-1 | Priya Shah  |                           |
| 2026-05-01 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                           |
| 2026-05-02 09:30 | Stored            | CI-DEMO-1066 | Dewar B (cold room) / Cane 2 / Box 2 / 1-2 | Maya Chen   |                           |
| 2026-05-04 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 2 / Box 2 / 1-3 | Luis Ortega |                           |
| 2026-05-05 14:00 | Box audited       |              | Dewar A (bench side) / Cane 2 / Box 1      | Luis Ortega | 8 of 8 checked, all found |
| 2026-05-06 09:30 | Stored            | CI-DEMO-1067 | Dewar B (cold room) / Cane 2 / Box 2 / 1-4 | Priya Shah  |                           |
| 2026-05-07 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                           |
| 2026-05-08 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                           |

| When             | What              | Vial         | Position at the time                       | By          | Note                                                                                                                                   |
|------------------|-------------------|--------------|--------------------------------------------|-------------|----------------------------------------------------------------------------------------------------------------------------------------|
| 2026-05-08 09:30 | Stored            | CI-DEMO-1068 | Dewar B (cold room) / Cane 2 / Box 2 / 1-5 | Maya Chen   |                                                                                                                                        |
| 2026-05-10 09:30 | Stored            | CI-DEMO-1069 | Dewar B (cold room) / Cane 3 / Box 1 / 1-1 | Luis Ortega |                                                                                                                                        |
| 2026-05-12 09:30 | Stored            | CI-DEMO-1070 | Dewar B (cold room) / Cane 3 / Box 1 / 1-2 | Priya Shah  |                                                                                                                                        |
| 2026-05-12 10:20 | Removed           | CI-DEMO-1015 | Dewar A (bench side) / Cane 2 / Box 1 / A1 | Maya Chen   | Transferred or shipped                                                                                                                 |
| 2026-05-12 12:30 | Confirmed by scan | CI-DEMO-1015 | Dewar A (bench side) / Cane 2 / Box 1 / A1 | Maya Chen   |                                                                                                                                        |
| 2026-05-14 09:30 | Stored            | no barcode   | Dewar B (cold room) / Cane 3 / Box 1 / 1-3 | Maya Chen   |                                                                                                                                        |
| 2026-05-14 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                                                                                                                        |
| 2026-05-15 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                                                                                                                                        |
| 2026-05-16 09:30 | Stored            | CI-DEMO-1071 | Dewar B (cold room) / Cane 3 / Box 1 / 1-4 | Luis Ortega |                                                                                                                                        |
| 2026-05-20 11:05 | Moved             | CI-DEMO-1002 | Dewar A (bench side) / Cane 1 / Box 2 / A7 | Luis Ortega | Dewar A (bench side) / Cane 1 / Box 1 / A2 to Dewar A (bench side) / Cane 1 / Box 2 / A7 – Consolidating the HUVEC stock onto one cane |
| 2026-05-21 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                                                                                                                        |
| 2026-05-22 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                                                                                                                                        |
| 2026-05-28 10:20 | Removed           | CI-DEMO-1021 | Dewar A (bench side) / Cane 2 / Box 1 / B1 | Maya Chen   | Discarded                                                                                                                              |
| 2026-05-28 12:30 | Confirmed by scan | CI-DEMO-1021 | Dewar A (bench side) / Cane 2 / Box 1 / B1 | Maya Chen   |                                                                                                                                        |
| 2026-05-28 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                                                                                                                        |

| When             | What              | Vial         | Position at the time                       | By          | Note                               |
|------------------|-------------------|--------------|--------------------------------------------|-------------|------------------------------------|
| 2026-05-29 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                                    |
| 2026-06-02 11:05 | Missing           | CI-DEMO-1028 | Dewar A (bench side) / Cane 3 / Box 1 / A1 | Luis Ortega | Not found during audit             |
| 2026-06-02 14:00 | Box audited       |              | Dewar A (bench side) / Cane 3 / Box 1      | Luis Ortega | 6 of 7 checked, 1 not found        |
| 2026-06-04 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                    |
| 2026-06-05 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                                    |
| 2026-06-06 11:05 | Found again       | CI-DEMO-1028 | Dewar A (bench side) / Cane 3 / Box 1 / A1 | Maya Chen   |                                    |
| 2026-06-11 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                    |
| 2026-06-12 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                                    |
| 2026-06-13 10:20 | Removed           | CI-DEMO-1026 | Dewar A (bench side) / Cane 2 / Box 3 / A7 | Maya Chen   |                                    |
| 2026-06-13 12:30 | Confirmed by scan | CI-DEMO-1026 | Dewar A (bench side) / Cane 2 / Box 3 / A7 | Maya Chen   |                                    |
| 2026-06-18 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  |                                    |
| 2026-06-19 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Luis Ortega |                                    |
| 2026-06-24 16:40 | Liquid nitrogen   |              | Dewar B (cold room)                        | Priya Shah  | Corrected from the cold-room sheet |
| 2026-06-26 08:15 | Liquid nitrogen   |              | Dewar A (bench side)                       | Maya Chen   |                                    |

**Reviewed by**\_\_\_\_\_  
Name\_\_\_\_\_  
Signature\_\_\_\_\_  
Date