Biotechnology

Sample tracking scoping checklist

From the field note "Your inventory says the tube is in C4. The freezer says otherwise.".

The short version

- ◇ Give every physical item one identity, and record which parent each aliquot came from.
- ◇ Scan at the moment material changes state, not in a data-entry session at the end of the day.
- ◇ Reconcile every shipment on both sides, and keep the partner's identifiers beside your own.
- ◇ Check what your inventory system already supports, then build only the missing handoff.

The checklist

- [ ] Name one sample type, one movement and an operating owner.
- [ ] Check native inventory, barcode and transfer features first.
- [ ] Assign one identity per item and record every parent.
- [ ] Agree states and which transitions are allowed.
- [ ] Scan at each state change, including consumption.
- [ ] Reconcile shipments and returns against a manifest.
- [ ] Test mis-scans, duplicates, relabels and restricted access.
- [ ] Schedule physical audits and measure open mismatches.

Want a second pair of eyes on your answers?

Book a free 30-minute discovery call at www.seriustech.com/contact or email contact@seriustech.com. We reply within 1 business day.

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