





### COVID19 Vaccine Vial Inventory for Community Freezers or Vaccine Fridges Log (Appendix B):

This log is designed to track how many vials are added to and removed from each of the health centre freezers or vaccine fridges, by date and by authorized person. This log is self-explanatory and further guidance is not provided in **Appendix B.**

### COVID19 Vaccine Vial Tracking Log (Appendix C):

This log is designed to capture information on each vial at a vaccination clinic site including: who signed out each vial from the health centre, who the vial was assigned to at the clinic; and the number of doses given as well as the total wastage per vial. Guidance on using Moderna SPIKEVAX® and Pfizer-BioNTech COMIRNATY® COVID-19 Vaccine(s) Vial Tracking Log is provided in **Appendix C.**

### Transport into Territory:

Vaccine will be shipped as per the Federal, Provincial, and Territorial processes to either Rankin Inlet or Iqaluit. Pharmacy staff are responsible for ordering and receiving inventory in compliance with National Operations Centre (NOC) guidelines, including documenting cold chain, and for confirming the orders through the NOC contact.

### Transport from Regional Hubs to Community:

Vaccine vials must be maintained at a temperature of **-25°C to -15°C** during transport directly from Regional Hubs to the health centre in a community. This can be achieved by transporting the vials in a portable freezer or in a Crêdo Cube. The Cube(s) is returned to the Regional Pharmacy after the vaccine is placed in the freezer or vaccine fridge in the first community and is never used to transport vials to a subsequent community. Pharmacy technicians pack the vaccine in the freezer or Crêdo Cube for transport to communities.

#### *Planning for transport:*

- Review the weekly distribution plan to identify the number of vials to be sent to each of the communities so an appropriate number is sent.
- Ensure each health centre has the appropriate storage equipment, ability, and capacity to store vaccine at the necessary temperature at time of transport.
- Communicate clearly with receiving site on exact time of vaccine delivery to ensure their readiness.
- Plug the portable freezer into a power source to bring to appropriate temperature. Freezer Protocol is provided in **Appendix D.**
- If a Crêdo Cube is being used, the pharmacy technician at the regional pharmacy hub will ensure the cool packs are placed into the freezer the night before transport.
- Place the packing materials such as packing peanuts, bubble wrap, blue pads or other materials in the freezer (-25°C to -15°C) the night before for conditioning prior to placing in container around vials.
- Initiate the COVID-19 Vaccine Vial Shipping Log to document transport of vaccine vials.

#### *Transporting the vials:*























**NU COVID-19 VACCINATION - MANDATORY VACCINE VIAL TRACKING - PFIZER COMIRNATY®**

Date:	
Community:	
Mass vaccination clinic Y/N	
Date Vaccine arrived in the Community	
Freezer available in community Y/N	
Freezer Accompanying Vaccinators Y / N	
(Held at -15 to -25 degrees until ready for use)	

Please scan in batches and email form as soon as feasible to RCDC, copying cdclabs@gov.nu.ca, every few hours (no later than same day). More detail on roles noted below. Date sent to RCDC and CDClabs@gov.nu.ca: \_\_\_\_\_

Emails  
 For Kitikmeot region: fdigout@gov.nu.ca  
 For Kivalliq region: kvalliq\_covid19@gov.nu.ca  
 For Qikiqtaalug region: covid19\_qikiqtaalukrcdc@gov.nu.ca

LOT#		ASSIGNED VIAL #							
EXPIRY		Name of Person Signed out to:							
		Name of Person Assigned to**:							
Removed from Freezer:		time (24hr)							
Thawed in refrigerator (+2°C to +8°C) (Takes ~3 hours to thaw) Stable for 31 days undiluted		Y / N							
		start time							
		end time							
		date to discard by (31 days)							
Thawed at Room Temperature (+8°C to +25°C) (Takes 30 minutes to thaw) Stable for 2 hours undiluted		Y / N							
		start time							
		end time							
		time to puncture by (2 hours)							
Vial Punctured (Vaccine stable for 6 hours ONLY)		Y / N							
		start time							
		end time (must discard)							
Initials of clients given dose from vial (optional)		1							
		2							
		3							
		4							
		5							
		6							
		7							
Doses Used from Vial: (usual 6 per vial)		Administered							
		Wasted*							
		Wastage code							
		Waste/use comments							
Vial used for home visiting		Y / N							
Signature of vaccine floater or clinical lead									

\*Note: wasted or discarded refers to all unused doses (timed out, no one left to vaccinate without transporting vial). Important to capture  
 \*\* If same person assigned to for all vials, can draw a line through to the end to indicate this  
 Please follow green and red sticker process as outlined by pharmacy team.  
 Empty vials-keep and store. Send count of empty vials at end of day. Vials can be discarded when this tracking sheet matched, signed off, and sent to RCDC and [CDClabs@gov.nu.ca](mailto:CDClabs@gov.nu.ca)

Roles: RCDC to review forms, flag any concerns, and follow up with clinic as appropriate  
 Person monitoring CDClabs will store a copy in a secured folder on shared drive

Wastage Codes	
AA	Damaged vial/vaccine
BB	Refrigerated > 31 days
CC	Room Temp > 2 hours
DD	Punctured > 6 hours (Cumulative)
EE	Not enough in Vial

Additional Notes / Comments / Observations on storage/transport/use:

Nunavut COVID-19 Mass Immunization Clinic Materials  
 Last updated: October 29, 2021







## Appendix E - Instructions for use of TempTale Temperature Monitoring Device

If any issues or concerns, please contact technicians at the regional pharmacy hubs:

Michael Gauvin (Iqaluit) [mgauvin@gov.nu.ca](mailto:mgauvin@gov.nu.ca) 1-867-8600 ext 2306, pager  
1-867-979-7646 pager # 126

Amanda Arsenault (Rankin Inlet) [aarsenault@gov.nu.ca](mailto:aarsenault@gov.nu.ca) 1-867-645-8334 On call phone  
645-7978

### PLEASE EXECUTE THE FOLLOWING STEPS:

1. Upon receipt, remove TempTale® from shipping container. **“DO NOT STOP THE DEVICE”**
2. Plug reader into a computer’s USB port and send the files to the Regional Pharmacy Technician. (**Michael Gauvin** [mgauvin@gov.nu.ca](mailto:mgauvin@gov.nu.ca) for the **Qikiqtaaluk** region and **Amanda Arsenault** [aarsenault@gov.nu.ca](mailto:aarsenault@gov.nu.ca) for the **Kivalliq** and **Kitikmeot** regions.). **These should be sent daily during mass vaccination clinics, any major transport, any temperature excursions, and at least every 72 hours. Any major temperature excursions should be reported immediately to CPHO/DCPHO.**
3. Check TempTale® LCD display for alarm status:
  - a) **If X icon appears,**
    - i. Segregate product within appropriate temperature and do not use until disposition is provided from your Regional Pharmacy Technician.
    - ii. Reference instructions below for alarming TempTale®.
  - b) **If Ü icon appears,** the product has stayed within the temperature and can be accepted. Return TempTale® to shipping freezer.
4. Place product in proper storage conditions according to product label.









visit will need to be removed. Be sure to fill any spaces between vaccine boxes with crumpled paper or other filler to prevent shifting of contents in the insulated container.

## Temperature Monitor

Warm/cold markers Min/max thermometer



Use a

properly

placed min/max thermometer or

cold chain monitor near the vaccine. The temperature- monitoring device should be placed in the middle of the vaccines and should not come in contact with the refrigerated or frozen packs.

### References:

1. Adapted from Nova Scotia Immunization Manual, by the Government of Nova Scotia, 2008. Adapted with permission.
2. Public Health Agency of Canada (2007). National Vaccine Storage and Handling Guidelines for Immunization Providers [PDF version]. Retrieved from <http://www.phac- aspc.gc.ca/publicat/2007/nvshglp-ldemv/pdf/nvshglp-ldemv-eng.pdf>.