Massachusetts Department of Public Health
Immunization Division | Vaccine Program
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Privately Purchased Data Logger

Vaccine Coordinator: _____

PIN & Site Name: _____

Brand/Model #: _____

Per the requirements listed in the [2025 Guidelines for Compliance with State Vaccine Program Requirements](#), a digital data logger must be monitoring each storage unit that houses state-supplied vaccine at all times. While the Vaccine Program does not recommend or endorse a specific brand or data logger device, the following manufacturers do offer products that meet the requirements below: Berlinger, Control Solutions, LogTag, PrimeX, Senso Scientific, Smart Sense, TempTrak, etc. (This is NOT a complete list).

Device Requirements:

☐ NIST certified calibration with an associated Calibration Certificate that includes model/device number, serial number, date of calibration (report or issue date), confirmation that instrument passed testing (instrument in tolerance)

☐ Capacity for continuous monitoring and routine recording of data, with an accuracy of +/- 1°F (0.5°C)

- Review the calibration certificate to determine if the device meets the standard accuracy requirements

☐ Active temperature display that can be easily read from outside the storage unit

☐ Easily identifiable alarm for out-of-range temperatures and low battery indicator

☐ Detachable buffered temperature probe with glycol, glass beads, sand or Teflon, that best reflects the temperature of the vaccine

☐ Logging interval (or reading rate) that is programmable to record temperatures at a maximum of 15-minute intervals with at least 4,000 readings storage capacity

Vaccine Program Specific Requirements:

☐ Ability to acknowledge and document electronically, within the data logger system, maximum and minimum temperatures at least twice daily

☐ Ability to generate a PDF output report, that clearly indicates daily maximum/minimum temperatures, alarms, and acknowledgment of twice daily temperature checks

- The PDF output report must include either a graph or daily summary of maximum/minimum temperatures that can be easily reviewed for out-of-range temperatures

☐ Ability to generate an ad-hoc comprehensive temperature report that displays temperature readings at a maximum of 15-minute intervals

☐ In the event of a power outage, the device will continue to record temperatures that are accessible for staff review

Submission for Review:

☐ I have confirmed that all the above boxes have been checked and the DDL meets all the requirements listed.

☐ I have uploaded to the MIIS an example copy of the temperature log report and this completed form for review and approval.