



VFC Temperature Monitoring Device Requirements

Routine review and accessibility of temperature data is critical for determining whether vaccine has been properly stored and for assessing viability of vaccine involved in a temperature excursion.

VFC providers must monitor vaccine storage temperatures with a Digital Data Logger (DDL) that has the following required features:

Continuous monitoring	<ul style="list-style-type: none"> Provides vaccine temperatures over time Data can be downloaded and reviewed
Probe	<ul style="list-style-type: none"> Only use probe bundled with the device
Display	<ul style="list-style-type: none"> Active temperature display that can be easily read from the outside of the storage unit Display of current, minimum, and maximum temperatures
Alarm capabilities	<ul style="list-style-type: none"> Ability to trigger an alarm for temperature recordings outside of acceptable storage temperatures
Capacity	<ul style="list-style-type: none"> Memory stores at least 4,000 readings
Interval	<ul style="list-style-type: none"> Device reads and records temperatures at intervals no greater than every 30 minutes.
Certificate of Calibration Testing (Report of Calibration)	<ul style="list-style-type: none"> Name of device (optional) Model number Serial number Date of calibration Measurement results indicate unit passed test

Additional notes:

- Know your monitoring device. Vaccine Coordinator and Backup Vaccine Coordinator must have comprehensive knowledge about the DDL and how it functions. If you are unsure if your device has the required features contact the device vendor.
- Ensure access. Provide additional staff access to DDL program and/or equipment necessary for downloading and reviewing data.
- Plan for emergencies. Include monitor guidance with your emergency plan.
 - Location of backup monitor(s)
 - Instruct to keep DDL with vaccine at all times, even during transport
 - Include instructions on how to read and pull data from the DDL
- Track dates for calibration. Have a policy in place to monitor calibration dates and submit monitors for re-calibration or replacement within 2 years of last calibration date.
- Replace batteries. Have a policy set for stocking and replacing batteries if applicable.

Alaska Immunization Helpline:

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