



## Alabama Data Logger Guidelines

Thank you for your participation in the Alabama Vaccines for Children (VFC) Program. The Alabama VFC program provides a digital data logger (DDL) for the refrigerator and freezer where your VFC vaccine is stored. These DDLs have a current certificate of calibration testing, which is valid for two (or three) years before the DDLs must be replaced.

To continue to receive replacement DDLs, your practice must comply with the following criteria:

- Wastage and expiration of VFC vaccines should be less than 5% annually.
- Storage and Handling requirement score at the most recent VFC compliance site visit for your practice must be greater than or equal to 90%.
- Document the temperatures for the refrigerator and freezer twice daily (AM and PM) AND document the min/max temperature daily (AM) on the temperature monitoring logs.

VFC providers must have a readily available continuous temperature monitoring backup device (i.e., DDL) with a current and valid certificate of calibration testing. Backup DDLs (one for each type of unit - refrigerator and freezer) are to be provided by your practice at your own cost, meet the same requirements, and should be readily available on site in case the primary DDL is no longer working correctly [or calibration testing of storage unit (i.e., auto-dispensing) is required].

### Data Logger Intervals

Continuous every 5 minutes and automatically triggers an alarm if temperature deviation outside predefined range.

### High/Low Settings and Alarms

- Factory preset alarms should NOT be changed by the user.
- DDL preset ALARMS for Refrigerator ( $>8^{\circ}\text{C}$  for 60 minutes;  $<2^{\circ}\text{C}$  for 15 minutes).
- DDL preset ALARMS for Freezer ( $> -15^{\circ}\text{C}$  for 60 minutes).

### Temperature Monitoring

- Manually/physically check storage unit DDLs to document temperatures on the temperature monitoring logs, in addition to any other internal unit monitoring device or other DDL analysis.
- Decide whether to measure temperatures in Fahrenheit or Celsius and be consistent with temperature logs.

### Data Collection/Support

- DDL built-in USB connection generates a secure PDF report with all relevant temperature data.
- DDLs should be downloaded (one at a time) and saved on computer **once a week** (electronic or hard copy).
- Maintain temperature monitoring data for a minimum of (3) three years.
- DDL Support/Education - Berlinger Fridge-tag 2 L and Freezer-tag 2 L educational videos:  
[www.berlinger.com/usa/cold-chain-management/refrigerator-temperature-logger-solution](http://www.berlinger.com/usa/cold-chain-management/refrigerator-temperature-logger-solution)