

**berlinger**  
feel safe



The presentation will begin shortly.  
There will be no audio until then.

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

### Meeting Goals



- Why data loggers?
  - Can they save time & vaccines?
- Why condition probe?
  - Avoid the most common failure
- How to get started?
  - Step-by-step guide
- How to read the screen & address an alarm?
- What to do with a reports?

CONFIDENTIAL

---

---

---

---

---

---

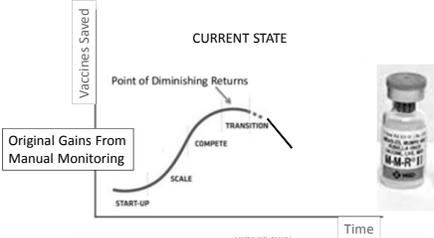
---

---

**berlinger**  
feel safe

### Why data loggers?

#### Evolution of vaccine temperature



Vaccines Saved

Original Gains From Manual Monitoring

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

**Vaccine Storage Temperature Recommendations**

Vaccine(s)	Vaccine Storage Temperature	Diluent Storage Temperature	When OVEREXPOSED TO Hi & LO Temperatures Vaccines Do Not:
Diphtheria, tetanus, pertussis-containing vaccines (DTaP, DT, Tdap, Td)	35°F-46°F (2°-8°C) Do not freeze.		<ul style="list-style-type: none"> <li>Taste</li> <li>Smell</li> <li>Look</li> <li>DIFFERENT</li> </ul>
Hepatitis A	35°F-46°F (2°-8°C) Do not freeze.		

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

**Vaccine Storage Temperature Recommendations**

Vaccine(s)	Vaccine Storage Temperature	Diluent Storage Temperature	When OVEREXPOSED TO Hi & LO Temperatures Vaccines Do Not:
	35°F-46°F (2°-8°C) Do not freeze.		<ul style="list-style-type: none"> <li>Taste</li> <li>Smell</li> <li>Look</li> <li>DIFFERENT</li> </ul>
Hepatitis A	35°F-46°F (2°-8°C) Do not freeze.		

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

**Vaccine Storage Temperature Recommendations**

Vaccine(s)	Vaccine Storage Temperature	Diluent Storage Temperature	When OVEREXPOSED TO Hi & LO Temperatures Vaccines Do Not:
	35°F-46°F (2°-8°C) Do not freeze.		<ul style="list-style-type: none"> <li>Taste</li> <li>Smell</li> <li>Look</li> <li>DIFFERENT</li> </ul>
Hepatitis A	35°F-46°F (2°-8°C) Do not freeze.		

CONFIDENTIAL




---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

**Vaccine Storage Temperature Recommendations**

Vaccine Storage Temperature	Diluent Storage Temperature	When OVEREXPOSED TO Hi & LO Temperatures Vaccines Do Not:
35°F-46°F (2°-8°C) Do not freeze.		<ul style="list-style-type: none"> <li>Taste</li> <li>Smell</li> <li>Look</li> <li>DIFFERENT</li> </ul>

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

**Vaccine Storage Temperature Recommendations**

Vaccine Storage Temperature	Diluent Storage Temperature	When OVEREXPOSED TO Hi & LO Temperatures Vaccines Do Not:
35°F-46°F (2°-8°C) Do not freeze.		<ul style="list-style-type: none"> <li>Smell</li> <li>Look</li> <li>DIFFERENT</li> </ul>

**BUT THEY WORK DIFFERENTLY**

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

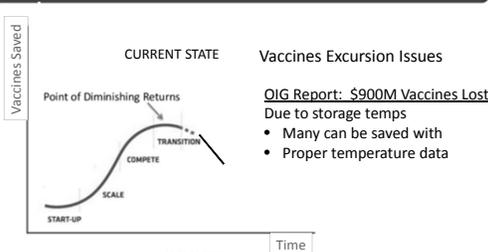
---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature



**Vaccines Excursion Issues**

**OIG Report: \$900M Vaccines Lost Due to storage temps**

- Many can be saved with
- Proper temperature data

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

FUTURE STATE  
PATH OF HIGH PERFORMANCE  
TRANSITION  
COMPLETE  
SCALE  
START-UP

FIRST MONTHS:  
Struggle to find &  
Replace old storage units

Time

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Evolution of vaccine temperature

FUTURE STATE  
PATH OF HIGH PERFORMANCE  
TRANSITION  
COMPLETE  
SCALE  
START-UP

FUTURE GAINS:  
• Save vaccines  
• Avoid re-vaccination  
• Reduce daily workload

Time

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why data loggers?

### Improved Patient Health

CONFIDENTIAL

---

---

---

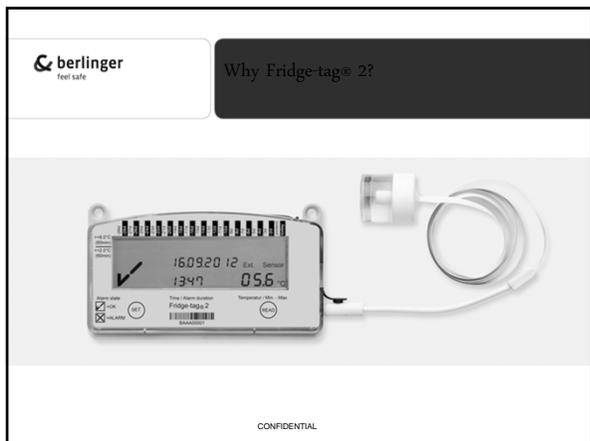
---

---

---

---

---




---

---

---

---

---

---

---

---

**CDC Recommendation & Fridge-tag® 2**

CDC Recommendations	Fridge-tag® 2 Status	Comments
LED Display: current temp	YES	
LED Display: high & low temps	YES	30 days High/Low on screen
LED Display: Hi/Low Alarm status	YES	Alarm Status & Alarm checked status
Continuous Temp. Monitor (Minimum: 1 reading every 15 minutes)	YES	Every 1 minute 60 readings/hour 1440 readings/day FULL CONTINUOUS
Memory: 4000 readings Est. 39 days @ 15 min.	YES	43,200 readings/mo 86,400 / 60 days FULL CONTINUOUS
Device Stops or Memory is reset after download	YES	Memory can be erased upon download NOT Recommended
Operating range -20°C to +40°C	YES	-30°C to +50°C

---

---

---

---

---

---

---

---

**CDC Recommendation & Fridge-tag® 2**

CDC Recommendations	Fridge-tag® 2 Status	Comments
Download data via USB & standard computer	YES	NO Software No cradle No wire
Report: show alarm configurations; high & low temps & time outside of the high/low thresholds	YES	
Data export capability: Excel, CSV, Txt	YES	Device creates a PDF & Txt file now
Detachable temperature probe, liquid fill vial, 1m cable	YES	THIN - Ribbon wire fits between gasket
Track technicians reading temps. twice daily	YES	Use of READ button documented
Uncertainty: +/- 0.5°C	YES	
Resolution: +/- 1.0°C	YES	
Battery Life: 6 months	YES	24 months

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Why Fridge-tag® 2?

- No Software = Ease of use
- Simple Report = Quick comprehension
- Useful Screen = 30 day snap shot
- Tracks Daily Readings = people & unit
- 2 Year Certificate of Accuracy = Save \$

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Activation

**Critical Steps For Proper Start up & Use**

- FIRST - Cool the vial with probe
- SECOND – Start the Fridge-tag® 2
- THIRD – Connect them within 10 min.
- FOURTH – Check temps. 2x per Day
- FIFTH – Send & store reports properly

CONFIDENTIAL

---

---

---

---

---

---

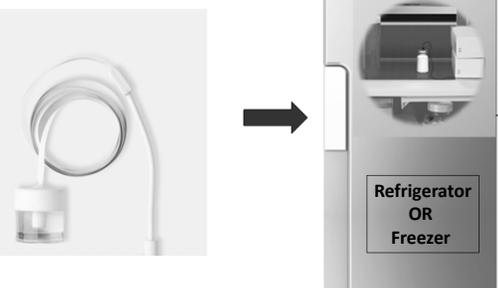
---

---

**berlinger**  
feel safe

Fridge-tag® 2: 1<sup>st</sup> things 1<sup>st</sup>

**Step #1 : Cool the vial with Probe**



Refrigerator  
OR  
Freezer

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: 1<sup>st</sup> things 1<sup>st</sup>

**Step #1 : Cool the vial with Probe**



It arrives @ Room Temp = 22°C

➔ Refrigerator = 5°C  
Freezer = -18°C

It will take 1-2 hours  
At 5° OR -18° C  
For the vial temperature  
To lower to the storage temp

CONFIDENTIAL

---

---

---

---

---

---

---

---

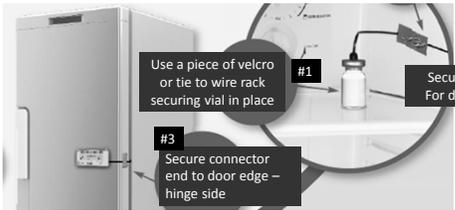
---

---

**berlinger**  
feel safe

Fridge-tag® 2: 1<sup>st</sup> things 1<sup>st</sup>

**Step #1 : Secure vial & wire for daily use**



#1 Use a piece of velcro or tie to wire rack securing vial in place

#2 Secure wire For daily use

#3 Secure connector end to door edge - hinge side

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Step #2 : Starting the data logger**

**QUICK START** **IMPORTANT! Read All Steps before starting the process.**

- 1** Place vial with sensor in the middle of the refrigerator or freezer for **1 HOUR BEFORE** activating the Fridge-Tag2 device.
- 2** **START** device and **SET DATE**. Press **SET** - **READ** for **5 SECONDS** then release together. **SEE** dd-yy-yy time. Press **READ** [ ] time. Press **SET** [ ] times. (to adjust date if incorrect, press READ button)
- 3** **SET TIME** (24 hr: Military style) 15:47 = 3:47 pm. Change the hours to your time zone by pressing **READ**. press **SET** to **ACCEPT**. The minutes should already be accurate. Press **SET** [ ] times to accept minutes.
- 4** Decide between Celsius or Fahrenheit temperatures. **C** = press **SET** - or - **F** = press **READ** then **SET**. Insert vial sensor to "CLICK".

---

---

---

---

---

---

---

---

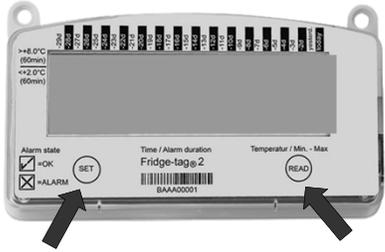
---

---

**berlinger**  
feet safe

Fridge-tag® 2: Button Use

**READ = scroll/change SET = set/accept**



The image shows the Fridge-tag 2 device with a digital display and two buttons labeled SET and READ. Arrows point to these buttons. The display shows temperature ranges: >+8.0°C (60min) and <+2.0°C (60min). Below the display, there are checkboxes for Alarm state:  OK and  ALARM. The text 'Time / Alarm duration Fridge-tag@2' and 'Temperatur / Min. - Max' are visible. A barcode and the number 'BAAA0001' are at the bottom.

CONFIDENTIAL

---

---

---

---

---

---

---

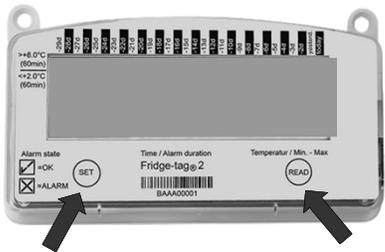
---

**berlinger**  
feet safe

Fridge-tag® 2: Start

**Press SET & READ simultaneously 4**

#1



The image shows the Fridge-tag 2 device with a digital display and two buttons labeled SET and READ. Arrows point to these buttons. The display shows temperature ranges: >+8.0°C (60min) and <+2.0°C (60min). Below the display, there are checkboxes for Alarm state:  OK and  ALARM. The text 'Time / Alarm duration Fridge-tag@2' and 'Temperatur / Min. - Max' are visible. A barcode and the number 'BAAA0001' are at the bottom.

CONFIDENTIAL

---

---

---

---

---

---

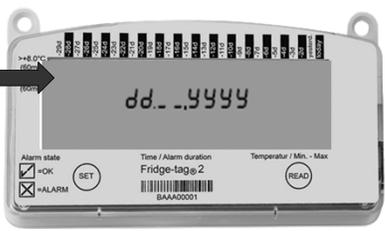
---

---

**berlinger**  
feet safe

Fridge-tag® 2: Start

**Activation success:**



The image shows the Fridge-tag 2 device with a digital display showing 'dd..yyyy'. An arrow points to the display. Below the display, there are checkboxes for Alarm state:  OK and  ALARM. The text 'Time / Alarm duration Fridge-tag@2' and 'Temperatur / Min. - Max' are visible. A barcode and the number 'BAAA0001' are at the bottom.

CONFIDENTIAL

---

---

---

---

---

---

---

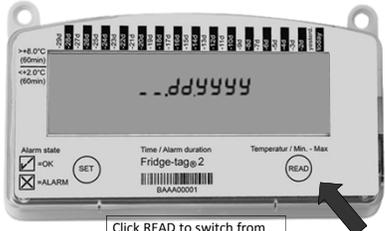
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Switch to USA date style: Press READ**

#2



Alarm state  
 OK  
 ALARM

Time / Alarm duration  
Fridge-tag@2

Temperatur / Min. - Max

CONFIDENTIAL

Click READ to switch from EU date format to USA date format

---

---

---

---

---

---

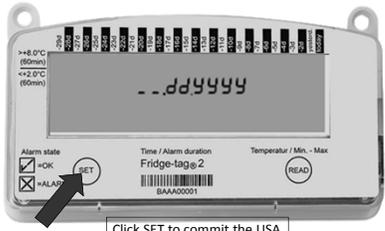
---

---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Set USA date style: Press SET**



Alarm state  
 OK  
 ALARM

Time / Alarm duration  
Fridge-tag@2

Temperatur / Min. - Max

CONFIDENTIAL

Click SET to commit the USA Date format to memory

---

---

---

---

---

---

---

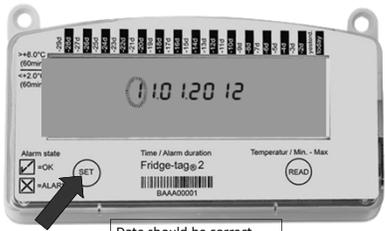
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Set USA date style: Press SET 6 times**

#3



Alarm state  
 OK  
 ALARM

Time / Alarm duration  
Fridge-tag@2

Temperatur / Min. - Max

CONFIDENTIAL

Date should be correct  
If not, use READ to change  
Numbers & SET to accept

---

---

---

---

---

---

---

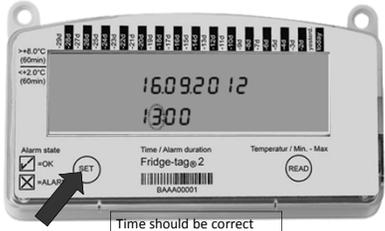
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Set Time: SET to accept or READ to**

#3



Time should be correct  
If not, use READ to change  
Numbers & SET to accept

CONFIDENTIAL

---

---

---

---

---

---

---

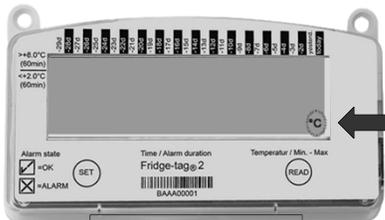
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Set Read-out Type: Celsius or Fahrenheit**

#4



Factory setting is Celsius  
Use READ if Fahrenheit is desired  
Or press SET to accept Celsius

CONFIDENTIAL

---

---

---

---

---

---

---

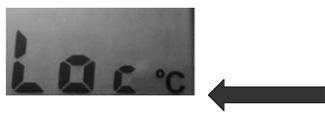
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**The Loc function**

#5



CONFIDENTIAL

---

---

---

---

---

---

---

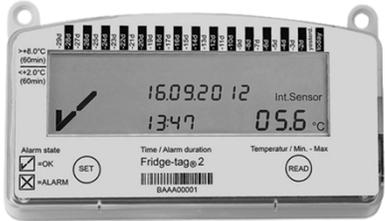
---

**berlinger**  
feel safe

Fridge-tag® 2: Start

**Fully Activated Device:**

**READY TO USE**



Alarm state  
 OK  
 ALARM

Time / Alarm duration  
Fridge-tag® 2

Temperature / Min. - Max  
05.6 °C

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Connect

**Listen for it to "click" in place** **LASTLY**

**BioSafe Glycol Vial**



CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**NO ALARMS**

The device screen displays: >+8.0°C (50min), <-2.0°C (50min), 16.09.2012, Int. Sensor, 13:47, 05.6 °C. Below the screen, the alarm state is shown as OK (checked) and ALARM (unchecked). The SET and READ buttons are visible.

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**CHECK HI & LO Tempos 2x/daily**

The device screen displays the same information as the first image. A callout box points to the READ button with the text: "First Press of READ: UP arrow flashed & corner displays today's HI temp".

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**CHECK HI & LO Tempos 2x/daily**

The device screen displays the same information as the first image. A callout box points to the READ button with the text: "Second Press: DOWN arrow flashed & corner displays today's LO temp".

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

What if there is an alarm ?

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**3 Alarm Indicators**

Alarm state  
 =OK  
 =ALARM

Time / Alarm duration  
Fridge-tag@2

Temperatur / Min. - Max

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**3 Alarm Indicators**

GIANT X means:  
For the supervisor  
There was an Alarm within  
the past 30 days

Alarm state  
 =OK  
 =ALARM

Time / Alarm duration  
Fridge-tag@2

Temperatur / Min. - Max

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**3 Alarm Indicators**

UP & DOWN Arrows:

- How many alarms this month?
- Which days?
- HI or LO temperatures?

Yellow & Black Piano Keys

- TODAY = far right
- YESTERDAY = next key
- See past 30 days easily

Time / Alarm duration  
Fridge-tag@ 2  
BAAA0001

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

**30 day snap shot**

**3 Alarm Indicators**

means:  
Alarm has not been read by pressing READ button

Disappears if USER presses READ

Time / Alarm duration  
Fridge-tag@ 2  
BAAA0001

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read report

**When an alarm happens TODAY  
Press READ to see what is happening**

CONFIDENTIAL

---

---

---

---

---

---

---

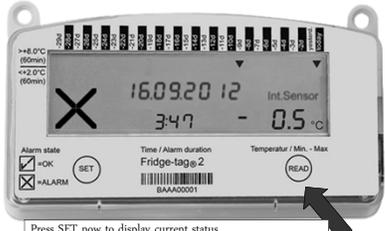
---



**berlinger**  
feel safe

Fridge-tag® 2: Read the screen

If alarmed: MORE info when pressing



Alarm state  
 OK  
 ALARM

Time / Alarm duration  
Fridge-tag® 2  
BAAA0001

Temperatur / Min. - Max  
Int. Sensor  
0.5 °C

Press SET now to display current status

-  now disappears from screen

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: Read report

Download the report

CONFIDENTIAL

---

---

---

---

---

---

---

---

Fridge-tag® 2



Plug into Any Computer

---

---

---

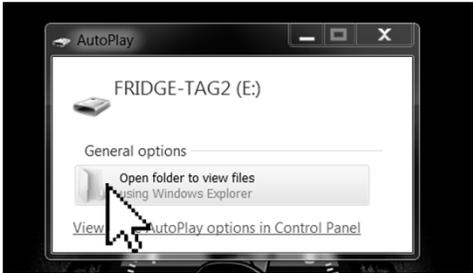
---

---

---

---

---



Click on Folder  
Like Any Removable Memory Stick

---

---

---

---

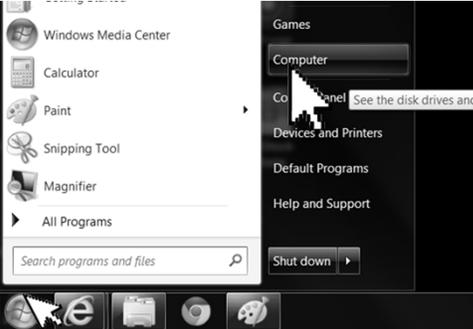
---

---

---

---

If it does not pop onto your screen



Click the Window START – then Computer

---

---

---

---

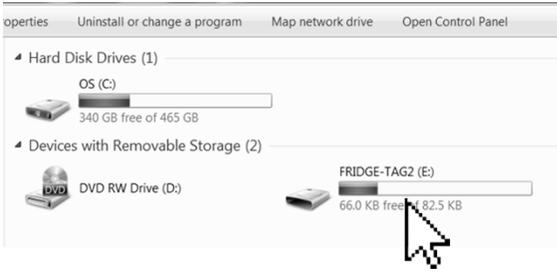
---

---

---

---

If it does not pop onto your screen



And Click on the Fridge-tag2

---

---

---

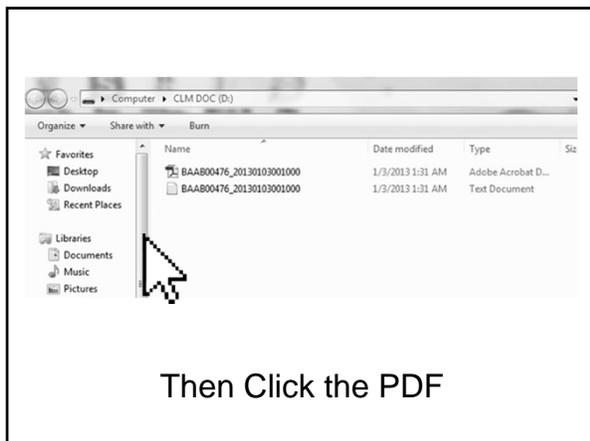
---

---

---

---

---



Then Click the PDF

---

---

---

---

---

---

---

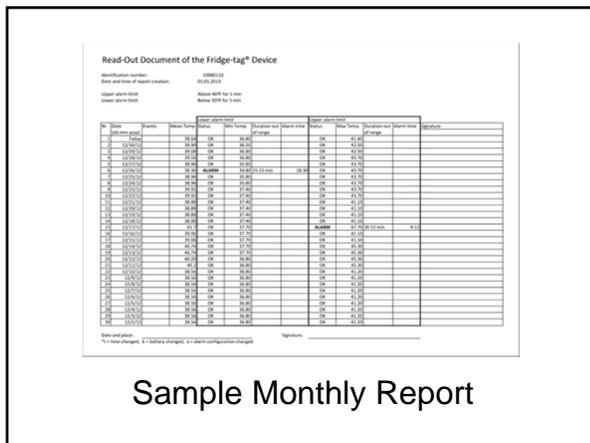
---

---

---

---

---



Sample Monthly Report

---

---

---

---

---

---

---

---

---

---

---

---



**Fridge-tag® 2: Read the report**

**Report: 60 days high/low, TOR &**

No	Date (dd-mm-yyyy)	Events	Upper alarm limit				Lower alarm limit				Signature
			Mean Temp	Event	Value Temp	Duration out of range	Event	Value Temp	Duration out of range		
1	12/20/12	4.4	OK	3.4		OK	3.4				
2	12/20/12	4.4	OK	3.4		OK	3.4				
3	12/21/12	3.3	OK	2.3		OK	4.1				
4	12/28/12	3.3	OK	2.3		OK	4.1				
5	12/27/12	3.3	OK	2.3		OK	4.1				
6	12/26/12	2.3	ALARM	1.7 (2h 15 min)	18:30	OK	3.3				
7	12/25/12	3.3	OK	2.3		OK	4.1				
8	12/24/12	3.3	OK	2.3		OK	4.1				
9	12/23/12	3.4	OK	2.4		OK	4.0				
10	12/22/12	3.4	OK	2.4		OK	4.0				
11	12/21/12	3.4	OK	2.4		OK	4.0				
12	12/20/12	3.4	OK	2.4		OK	4.0				
13	12/19/12	3.4	OK	2.4		OK	4.0				
14	12/18/12	3.4	OK	2.4		OK	4.0				
15	12/17/12	3.4	OK	2.4		OK	4.0				
16	12/16/12	3.4	OK	2.4		OK	4.0				
17	12/15/12	3.4	OK	2.4		OK	4.0				
18	12/14/12	3.4	OK	2.4		OK	4.0				
19	12/13/12	3.4	OK	2.4		OK	4.0				
20	12/12/12	3.4	OK	2.4		OK	4.0				
21	12/11/12	3.4	OK	2.4		OK	4.0				

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---



 **Fridge-tag® 2: Resources**

CONFIDENTIAL

---

---

---

---

---

---

---

---

 **Fridge-tag® 2: Resources**

**This Power Point**  
**Website: [www.berlinger.com](http://www.berlinger.com)**  
<http://www.berlinger.ch/en/berlinger/main/ambient-tag/temperature-monitoring/fridge-tag2.html>

- User manual -
- Set up videos
- Other instructions
- Poster – on-site display user instructions

**Handouts:**

- FAQ's (frequently asked questions) list
- Posters
- YouTube videos (memo)

---

---

---

---

---

---

---

---

 **Fridge-tag® 2: Features**



- Continuous Display
- No Software
- Track User Reading Temps
- Removable External Sensor
- 60 Day Report
- 2 year Operating Life & ISO 17025 Certificate of Accuracy

CONFIDENTIAL

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Fridge-tag® 2: CDC guidelines

- ✓ Detachable temperature probe
- ✓ Continuous temp monitoring
  - At least one reading/15 min
- ✓ Memory storage : 4000 readings
- ✓ Operating range: -20 °C to 40 °C
- ✓ Uncertainty: ± 0.5 °C
- ✓ Resolution: ± 0.1 °C
- ✓ Battery life: 6 months minimum
- ✓ Integrated Liquid Crystal Display (LCD)
- ✓ Alarm capabilities
- ✓ Download/ archival software
- ✓ Track technician reading temps twice daily

Source: CDC website CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

**berlinger**  
feel safe

Open for new perspectives!

**berlinger**  
feel safe



Questions?

222 Turnpike Road  
Suite 3  
Westborough, MA 01581  
USA  
[www.berlinger.com](http://www.berlinger.com)

Patrick McGrath  
General Manager  
508-439-9216  
[patrick.mcgrath@berlinger.ch](mailto:patrick.mcgrath@berlinger.ch)

CONFIDENTIAL

---

---

---

---

---

---

---

---

---

---

---

---

What will and will not change after implementation of Fridge-tag®?

 North Dakota Department of Health  
Immunization Program

---

---

---

---

---

---

---

---

---

---

---

---

### Paper temperature logs

- Providers must continue to use paper temperature logs.
- Providers must check the temperatures including the minimum/maximum and the alarm signs twice daily.
  - Please use our new temperature logs available at: <http://www.ndhealth.gov/Immunize/Providers/Forms.htm>
- Paper temperature logs should be kept at providers' office for at least 3 years for VFC compliance.
- You will be asked for paper temperature logs during VFC visit.
- Paper temperature logs should not be mailed/faxed or emailed to the immunization program (applies only if you are using Fridge-tag®).

---

---

---

---

---

---

---

---

### Old thermometers

- Providers must keep their old thermometers in their storage unit at least for 2 months until comfortable using the new data logger.
- Keep your old thermometers and the certificates of calibration as a back-up thermometer.
- Back-up thermometers will be required in 2015.
- Keep your certificates of calibration for Fridge Tag. You will be asked during VFC visit.

---

---

---

---

---

---

---

---

### Download from the data logger



- The PDF file from Fridge tag® should be emailed to [dohtemplogs@nd.gov](mailto:dohtemplogs@nd.gov) monthly.
- Save the PDF file using your provider number, the month and year.
  - Example: Provider 445 for the month of December, 2014 should be saved as 445(Dec14).
  - If you have more than one refrigerator or freezer unit save it as 445(Dec14) Fridge 1 and 445(Dec14) Fridge 2.
  - Please create a folder on your computer to save the downloaded data each month.
  - Please keep the PDF file on your computer for 3 years.

---

---

---

---

---

---

---

---

### Placing the glycol bottle

- Place your glycol bottle in a small plastic basket and put it at the center of the unit.



- The plastic basket will prevent the vial from moving to the sides.

---

---

---

---

---

---

---

---

### Alarm settings

#### Refrigerator:

- High alarm: 60 minutes above 8°C
- Low alarm: 15 minutes below 2°C
- The thermometer shows the alarm sign when the temperature is above 8 degree Celsius at least for 60 minutes and below 2 degree Celsius at least for 15 minutes.
- The high alarm setting was changed to avoid alarm due to defrost cycle.

---

---

---

---

---

---

---

---

### Alarm settings

#### Freezers:

- High alarm: 60 minutes above -15°C
- The thermometer shows the alarm sign when the temperature is above -15 degree Celsius for 60 minutes.
- The high alarm setting was changed to avoid alarm due to defrost cycle.
- No low alarm

---

---

---

---

---

---

---

---



**Materials**



- User manuals, this presentation and videos from the manufacturer will be posted on our website.
- Please review the memo before using the fridge tag®.
- Do not use Fridge-tag® for vaccine transport.

---

---

---

---

---

---

---

---



**Type your question into either of the chat windows at your right.**

After the presentation, questions may be sent to:

Molly Howell	mahowell@nd.gov
Abbi Pierce	apierce@nd.gov
Mary Woinarowicz	mary.woinarowicz@nd.gov
Stacy Lovelace	slovelace@nd.gov
Amy Schwartz	amschwartz@nd.gov
Miranda Baumgartner	mlbaumgartner@nd.gov
Rahel Gemmeda	rgemmeda@nd.gov

Or call 701.328.3386 to speak to someone in the Immunization

---

---

---

---

---

---

---

---



- Contact Berlinger at  
Tel: +1 508 366.0084  
E-Mail: [info@berlinger.ch](mailto:info@berlinger.ch)  
Web: [www.berlinger.ch](http://www.berlinger.ch)

---

---

---

---

---

---

---

---