User's Manual

# FreeStyle 6.2

FreeStyle Libra

FLASH GLUCOSE MONITORING SYSTEM



Your Name \_\_\_\_\_

## Contents

Reader Symbols	. 1
Important Safety Information	. 3
Indications for Use	. 3
Contraindications	
Getting to Know Your System	. 8
Reader Kit	. 9
Sensor Kit	
FreeStyle Libre Software	
Setting up Your Reader for the First Time	14
Using Your Sensor	17
Applying Your Sensor	18
Starting Your Sensor	22
Checking Your Glucose	23
Adding Notes	29

Reviewing Your History Logbook Daily Graph Other History Options	. 33 . 34
Removing Your Sensor	. 37
Replacing Your Sensor	. 38
Using Reminders	. 39
Using the Built-in Meter Blood Glucose Testing Blood Ketone Testing Control Solution Testing	. 43 . 47
Charging the Reader	. 56
Changing the Reader Settings	. 57
Living With Your FreeStyle Libre System	. 60

Maintenance and Disposal		
Maintenance and Disposal Troubleshooting Reader Does Not Power On Problems at the Sensor Application Site Problems Starting Your Sensor or Receiving Sensor Readings. Blood Glucose or Ketone Error Messages Problems Checking Your Blood Glucose or Ketone Perform a Reader Test. Customer Service System Specifications Labelling Symbols. Electromagnetic Compatibility.	. 63	
Reader Does Not Power On	. 63	
Problems at the Sensor Application Site	. 64	
Problems Starting Your Sensor or Receiving		
Sensor Readings	. 65	
Problems Checking Your Blood Glucose or Ketone	. 72	
System Specifications	. 75	
Labelling Symbols	. 79	
Electromagnetic Compatibility	. 80	
Warranty Statement	. 91	

# **Reader Symbols**

Symbol	What It Means
$\odot$	Active Sensor
↑↗→↘↓	Direction your glucose is going. See <i>Checking Your</i> <i>Glucose</i> section for more information
	Caution
	View previous/next screen
<b>A</b>	Notes
+	Add more information to notes
Ú	Food note
ø	Rapid-acting insulin note

Symbol	What It Means
Ŀ	Time changed on Reader
$\bigtriangleup$	Reminders
۵	Blood glucose or ketone test
τ <sup>ζ</sup> ζ	Settings
>	Control solution test result
	Low battery
	Battery charging
1	Sensor too cold
1	Sensor too hot

# **Important Safety Information**

## **Indications for Use**

The FreeStyle Libre Flash Glucose Monitoring System is indicated for measuring interstitial fluid glucose levels in people (age 4 and older) with diabetes mellitus. The indication for children (age 4 - 17) is limited to those who are supervised by a caregiver who is at least 18 years of age. The caregiver is responsible for managing or assisting the child to manage the FreeStyle Libre Flash Glucose Monitoring System and also for interpreting or assisting the child to interpret FreeStyle Libre readings. It is designed to replace blood glucose testing in the self-management of diabetes with the exceptions listed below.

Under the following circumstances, use a blood glucose meter to check the current glucose readings from the FreeStyle Libre Flash Glucose Monitoring System Sensor:

- During times of rapidly changing glucose levels, interstitial glucose levels as measured by the Sensor and reported as current may not accurately reflect blood glucose levels. When glucose levels are falling rapidly, glucose readings from the Sensor may be higher than blood glucose levels. Conversely when glucose levels are rising rapidly, glucose readings from the Sensor may be lower than blood glucose levels.
- In order to confirm hypoglycaemia or impending hypoglycaemia as reported by the Sensor.
- If symptoms do not match the FreeStyle Libre Flash Glucose Monitoring System reading. Do not ignore symptoms that may be due to low blood glucose or high blood glucose.

## Contraindications

The FreeStyle Libre Flash Glucose Monitoring System must be removed prior to Magnetic Resonance Imaging (MRI).

#### WARNING:

- The FreeStyle Libre Flash Glucose Monitoring System contains small parts that may be dangerous if swallowed.
- During times of rapidly changing glucose (more than 0.1 mmol/L per minute), interstitial fluid glucose levels as measured by the FreeStyle Libre Flash Glucose Monitoring System Sensor may not accurately reflect blood glucose levels. Under these circumstances, check the Sensor glucose readings by conducting a fingerstick test using a blood glucose meter.
- In order to confirm hypoglycaemia or impending hypoglycaemia as reported by the FreeStyle Libre Flash Glucose Monitoring System Sensor, conduct a fingerstick test using a blood glucose meter.
- Do not ignore symptoms that may be due to low or high blood glucose. If you have symptoms that do not match the FreeStyle Libre Flash Glucose Monitoring System reading or suspect that your reading may be inaccurate, check the reading by conducting a fingerstick test using a blood glucose meter. If you are experiencing symptoms that are not consistent with your glucose readings, consult your health care professional.

### CAUTION:

- On rare occasions, you may get inaccurate Sensor glucose readings. If you believe your glucose readings are not correct or are inconsistent with how you feel, perform a blood glucose test on your finger to confirm your glucose. If the problem continues, remove the current Sensor and apply a new one.
- Performance of the System when used with other implanted medical devices, such as pacemakers, has not been evaluated.
- The Reader is for use by a single person. It must not be used on more than one person including other family members due to the risk of spreading infection. All parts of the Reader are considered biohazardous and can potentially transmit infectious diseases, even after performing the cleaning procedure.
- Some individuals may be sensitive to the adhesive that keeps the Sensor attached to the skin. If you notice significant skin irritation around or under your Sensor, remove the Sensor and stop using the FreeStyle Libre system. Contact your health care professional before continuing to use the FreeStyle Libre system.

#### System-Related Information

- The FreeStyle Libre Flash Glucose Monitoring System is designed to be used only with FreeStyle Optium blood glucose and blood ketone test strips and MediSense control solution.
- Avoid getting dust, dirt, blood, control solution, water or other substances in the Reader's USB and test strip ports.
- Physiologic differences between the interstitial fluid and capillary blood may result in differences in glucose readings. Differences in glucose readings between interstitial fluid and capillary blood may be observed during times of rapid change in blood glucose, such as after eating, dosing insulin or exercising.
- Severe dehydration and excessive water loss may cause inaccurate results. If you believe you are suffering from dehydration, consult your health care professional **immediately**.
- Interfering Substances: Taking ascorbic acid while wearing the Sensor may falsely raise your Sensor glucose readings. Taking salicylic acid may slightly lower your Sensor glucose readings. The level of inaccuracy depends on the amount of the interfering substance active in your body.
- Store the Sensor Kit between 4°C 25°C. While you don't need to keep your Sensor Kit in a refrigerator, you can as long as the refrigerator is between 4°C 25°C.

- If you have a medical appointment that includes strong magnetic or electromagnetic radiation, for example an X-ray, MRI (Magnetic Resonance Imaging) or CT (Computed Tomography) scan, remove the Sensor you are wearing and apply a new one after the appointment. The effect of these types of procedures on the performance of the system has not been evaluated.
- The FreeStyle Libre Flash Glucose Monitoring System has not been evaluated for use in pregnant women, persons on dialysis, or people less than 4 years of age.

# **Getting to Know Your System**

The FreeStyle Libre Flash Glucose Monitoring System has two main parts: a handheld Reader and a disposable Sensor, which you wear on your body. You use the Reader to wirelessly scan the Sensor and get your glucose readings. The Reader also has a built-in blood glucose and ketone meter, which works with FreeStyle Optium blood glucose and blood ketone test strips.



**IMPORTANT:** Safety information about the System is in this User's Manual. Read all of the information in the User's Manual and the FreeStyle Optium blood glucose and ketone test strip instructions for use before using your System.

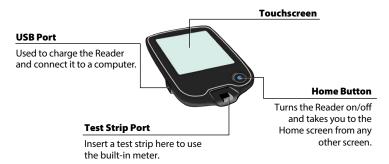
Your System comes in a **Reader Kit** and a **Sensor Kit**. When opening your kits, check that the contents are undamaged and that you have all parts listed. If any parts are missing or damaged, contact Customer Service.

## **Reader Kit**

The Reader Kit includes:

- FreeStyle Libre Reader
- USB Cable

- Power Adapter
- User's Manual
- Quick Start Guide



The Reader is used to get glucose readings from your Sensor. It can store approximately 90-days of glucose history and notes you enter about activities, such as taking insulin, eating food, or exercising. This information can help you understand how these activities affect your glucose.

## **Sensor Kit**

The Sensor Kit includes:

- Sensor Pack
- Sensor Applicator
- Product insert
- Alcohol wipe



#### Sensor Pack

Used with the Sensor Applicator to prepare the Sensor for use.



**Sensor Applicator** Applies the Sensor to your body.

The Sensor measures and stores glucose readings when worn on your body. It initially comes in two parts: one part is in the Sensor Pack and the other part is in the Sensor Applicator. By following the instructions,

you prepare and apply the Sensor on the back of your upper arm. The Sensor has a small, flexible tip that is inserted just under the skin. The Sensor can be worn for up to 14 days.

#### Sensor

Measures your glucose while on your body (only visible after applied).



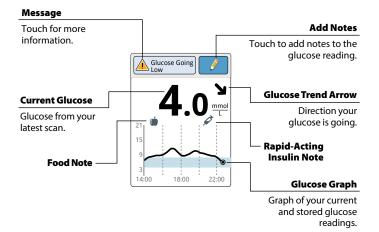
The Reader Home Screen provides access to information about your glucose and the System. You can press the Home Button to get to the Home Screen.

#### Time **Battery Level** Current time set on Battery charge remaining. the Reader. 22:23 **\_**\_\_\_ <u>ين</u> Ends in 14 days Sensor Status Settinas Information about your Touch to change the current Sensor Reader's settings. Check Review **Check Glucose** Glucose History Touch to check your **Review History** Sensor alucose. Touch to review information about your past glucose readings. Reminder

**Home Screen** 

Touch to set or change reminders.

The Sensor Glucose Readings screen appears after you use the Reader to scan your Sensor. Your Reading includes your Current Glucose, a Glucose Trend Arrow indicating which way your glucose is going, and a graph of your current and stored glucose readings.



## Sensor Glucose Readings

## FreeStyle Libre Software

FreeStyle Libre software can be used to view reports and change Reader settings. The software is compatible with most Windows and Mac operating systems. Go to www.FreeStyleLibre.com and follow onscreen instructions to download and install the software.

#### INTENDED USE

FreeStyle Libre software is intended for use by individuals and health care professionals to aid in the review, analysis and evaluation of information such as Sensor glucose readings, blood glucose test results, blood ketone test results, and other data uploaded from the FreeStyle Libre Flash Glucose Monitoring System, in support of an effective diabetes health management program.

FreeStyle Libre software is not intended for the diagnosis of or screening for diabetes mellitus. Users should be aware that FreeStyle Libre software is merely an information management tool and it is therefore not intended to substitute for the support of a health care professional. Individuals should always consult their health care professional if they have any queries or concerns about diabetes management.

# Setting up Your Reader for the First Time

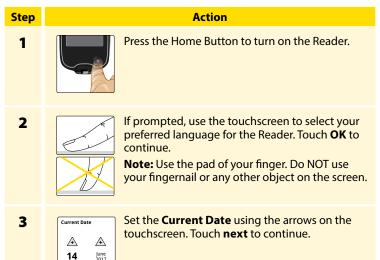
7

next

5

back

Before using the System for the first time, the Reader must be set up.





Set the Current Time. Touch next to continue.

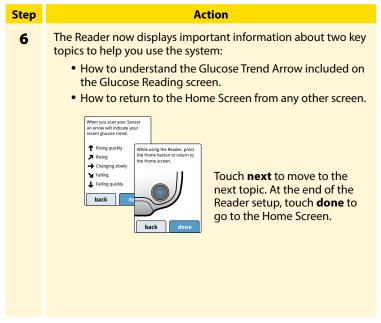
**CAUTION:** It is very important to set the time and date correctly. These values affect the Reader data and settings.

5



Set your **Target Glucose Range**. Work with your health care professional to determine your Target Glucose Range. Touch **next** to continue.

**Note:** Your Target Glucose Range is displayed on glucose graphs on the Reader and used to calculate your Time In Target.



**Note:** Charge the Reader if the battery level is low. Only use the USB cable and power adapter included with the System.

# **Using Your Sensor**

#### **CAUTIONS:**

- The Sensor Pack and Sensor Applicator are packaged as a set (separately from the Reader) and have the same Sensor code. Check that the Sensor codes match before using your Sensor Pack and Sensor Applicator. Sensor Packs and Sensor Applicators with the same Sensor code should be used together, or your Sensor glucose readings may be incorrect.
- Intense exercise may cause your Sensor to loosen due to sweat or movement of the Sensor. If your Sensor comes loose, you may get no readings or unreliable readings, which may not match how you feel. Follow the instructions to select an appropriate application site.

## **Applying Your Sensor**

Step 1



Apply Sensors only on the back of your upper arm. Avoid areas with scars, moles, stretch marks or lumps.

Action

Select an area of skin that generally stays flat during your normal daily activities (no bending or folding). Choose a site that is at least 2.5 cm (1 inch) away from an insulin injection site. To prevent discomfort or skin irritation, you should select a different site other than the one most recently used.

2



Clean application site with an alcohol wipe and allow site to dry before proceeding. This helps the Sensor stay attached to your body.

**Note:** The area **MUST** be clean and dry, or the Sensor may not stick to the site.

# Step 3



Open the Sensor Pack by peeling the lid off completely. Unscrew the cap from the Sensor Applicator and set the cap aside.

**CAUTION:** Do NOT use if the Sensor Pack or the Sensor Applicator seem to be damaged or already opened. Do NOT use if past expiry date.

4



Line up the dark mark on the Sensor Applicator with the dark mark on the Sensor Pack. On a hard surface, press firmly down on the Sensor Applicator until it comes to a stop.

5



Lift the Sensor Applicator out of the Sensor Pack.

Step 6



The Sensor Applicator is prepared and ready to apply the Sensor.

**CAUTION:** The Sensor Applicator now contains a needle. Do NOT touch inside the Sensor Applicator or put it back into the Sensor Pack.

7



Place the Sensor Applicator over the prepared site and push down firmly to apply the Sensor to your body.

**CAUTION:** Do NOT push down on the Sensor Applicator until placed over prepared site to prevent unintended results or injury.

#### Step

8



Gently pull the Sensor Applicator away from your body. The Sensor should now be attached to your skin.

**Note:** Applying the Sensor may cause bruising or bleeding. If there is bleeding that does not stop, remove the Sensor, and apply a new one at a different site.

9



Make sure the Sensor is secure after application. Put the cap back on the Sensor Applicator. Discard the used Sensor Pack and Sensor Applicator according to local regulations.

## **Starting Your Sensor**



to scan your Sensor.

## **Checking Your Glucose**

# Step 1







Action

Turn the Reader on by pressing the Home Button, or touch **Check Glucose** from the Home Screen.

2



Hold the Reader within 4 cm (1.5 inches) of your Sensor to scan it. Your Sensor wirelessly sends glucose readings to the Reader. If sounds are turned on, the Reader beeps when the Sensor has been successfully scanned.

**Note:** If the Sensor is not successfully scanned within 15 seconds, the Reader displays a prompt to scan the Sensor again. Touch **OK** to return to the Home Screen and touch **Check Glucose** to scan your Sensor.

## Step

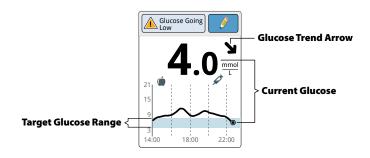
#### Action

3



The Reader displays your current glucose reading along with your glucose graph and an arrow indicating the direction your glucose is going.

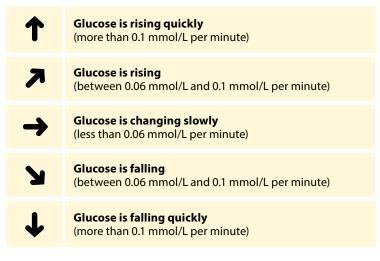
## **Sensor Glucose Readings**



#### Notes:

- The graph displays glucose readings up to 21 mmol/L. Glucose readings above 21 mmol/L are displayed at 21 mmol/L.
- The 🕒 symbol may appear, indicating the Reader time was changed. Gaps in the graph may result or glucose readings may be hidden.

The Glucose Trend Arrow gives you an indication of the direction your glucose is going.



Note: The Glucose Trend Arrow may not always appear with your reading.

The following table shows messages you may see with your glucose readings.

#### Display



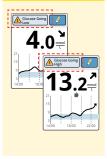
#### What To Do

If **LO** appears on the Reader, your reading is lower than 2.2 mmol/L. If **HI** appears on the Reader, your reading is higher than 27.8 mmol/L. You can touch the message button for more information. Check your blood glucose on your finger with a test strip. If you get a second **LO** or **HI** result, contact your health care professional **immediately**.



If your glucose is higher than 13.3 mmol/L or lower than 3.9 mmol/L, you will see a message on the screen. You can touch the message button for more information and set a reminder to check your glucose.

#### Display



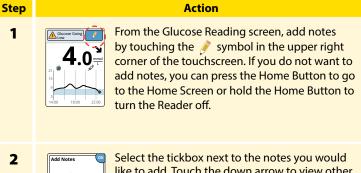
#### What To Do

If your glucose is projected to be higher than 13.3 mmol/L or lower than 3.9 mmol/L within 15 minutes, you will see a message on the screen. You can touch the message button for more information and set a reminder to check your glucose.

**Note:** If you are not sure about a message or reading, contact your health care professional before you do anything.

# **Adding Notes**

Notes can be saved with your glucose readings. You can add a note at the time of your glucose reading or within 15 minutes after your reading was obtained. You can track food, insulin, exercise and any medication you take.

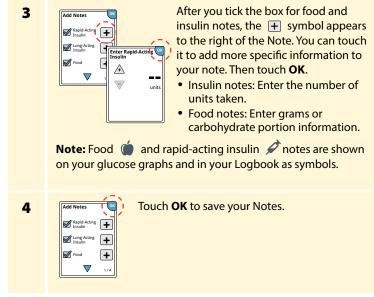




like to add. Touch the down arrow to view other Note options.

#### Step

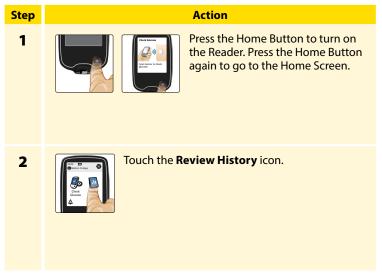
#### Action

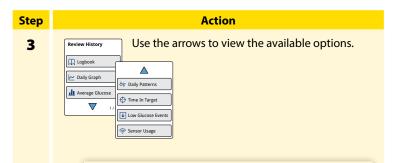


You can review your Notes from the Logbook. See *Reviewing Your History* section for more information.

# **Reviewing Your History**

Reviewing and understanding your glucose history can be an important tool for improving your glucose control. The Reader stores about 90 days of information and has several ways to review your past glucose readings, notes and other information.





**IMPORTANT:** Work with your health care professional to understand your glucose history.

The Logbook and Daily Graph show detailed information, while other history options show summaries of information over a number of days.

# Logbook



Entries for each time you scanned your Sensor or performed a blood glucose or ketone test. If you entered Notes with a glucose reading, the *symbol* appears in that row. For more information about the symbols, see *Reader Symbols* section.

Touch the entry to review the detailed information, including any Notes you entered. You can add or edit (change) Notes for the most recent Logbook entry, provided your glucose reading was within the last 15 minutes and you have not used FreeStyle Libre software to create reports.

## **Daily Graph**



A graph of your Sensor glucose readings by day. The graph shows your Target Glucose Range and symbols for food or rapid-acting insulin notes you have entered.

#### Notes:

- The graph displays glucose readings up to 21 mmol/L. Glucose readings above 21 mmol/L are displayed at 21 mmol/L.
- You might see gaps in the graph during times when you have not scanned at least once in 8 hours.
- The () symbol may appear indicating the Reader time was changed. Gaps in the graph may result or glucose readings may be hidden.

### **Other History Options**

Use the arrows to view information about your last 7, 14, 30 or 90 days.



Average Glucose

Information about the average of your Sensor glucose readings. The overall average for the time is displayed above the graph. The average is also shown for four different 6-hour periods of the day. Readings above or below your Target Glucose Range are orange, while readings in range are blue.



**Daily Patterns** 

A graph showing the pattern and variability of your Sensor glucose over a typical day. The thick black line shows the median (midpoint) of your glucose readings. The gray shading represents a range (10-90 percentiles) of your Sensor readings.

**Note:** Daily Patterns needs at least 5 days of glucose data.



A graph showing the percentage of time your Sensor glucose readings were above, below or within your Target Glucose Range.





Low Glucose Events

Information about the number of low glucose events measured by your Sensor. A low glucose event is recorded when your Sensor glucose reading is lower than 3.9 mmol/L for longer than 15 minutes. The total number of events is displayed above the graph. The bar graph displays the low glucose events in four different 6-hour periods of the day.



Information about how often you scan your Sensor. The Reader reports an average of how many times you scanned your Sensor each day, and the percentage of possible Sensor data the Reader recorded from your scans.

## **Removing Your Sensor**

### Step 1



Pull up the edge of the adhesive that keeps your Sensor attached to your skin. Slowly peel away from your skin in one motion.

**Note:** Any remaining adhesive residue on the skin can be removed with warm soapy water or isopropyl alcohol.

2

Discard the used Sensor according to local regulations. See *Maintenance and Disposal* section.

Action

When you are ready to apply a new Sensor, follow the instructions in the *Applying Your Sensor* and *Starting Your Sensor* sections. If you removed your last Sensor before 14 days of use, you will be prompted to confirm that you would like to start a new Sensor when you first scan it.

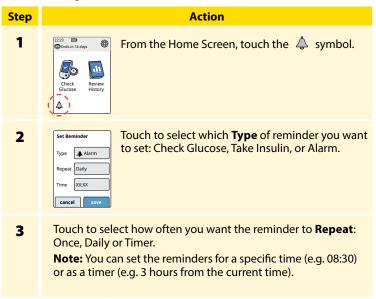
## **Replacing Your Sensor**

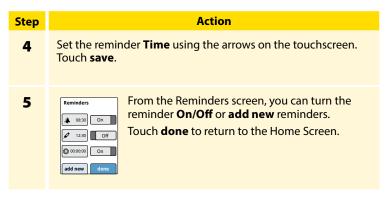
Your Sensor automatically stops working after 14 days of wear and must be replaced. You should also replace your Sensor if you notice any irritation or discomfort at the application site or if the Reader reports a problem with the Sensor currently in use. Taking action early can keep small problems from turning into larger ones.

**CAUTION:** If the glucose readings from the FreeStyle Libre Flash Glucose Monitoring System do NOT seem to match with how you feel, check to make sure that your Sensor has not come loose. If the Sensor tip has come out of your skin, or your Sensor is coming loose, remove the Sensor and apply a new one.

## **Using Reminders**

You can use Reminders to help you remember to check your glucose, take insulin, or as a general alarm.







When reminders are On, the next reminder time appears next to the reminder symbol on the Home Screen.

For example, 🙏 08:30

Your reminder comes on even if the Reader is turned off. Touch **OK** to dismiss your reminder or **snooze** to be reminded again in 15 minutes. **Note:** Reminders will not appear if the Reader is connected to a computer.

# **Using the Built-in Meter**

The Reader has a built-in meter that can be used to test your blood glucose and blood ketone, or to test the meter and strips with control solution.

**WARNING:** Do NOT use the built-in meter while the Reader is connected to an electrical outlet or a computer.

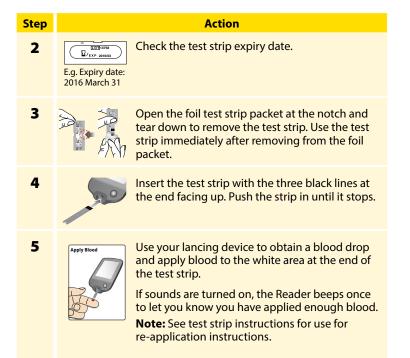
#### **IMPORTANT:**

- Use the Reader within the test strip operating temperature range as blood glucose and ketone results obtained outside the range may be less accurate.
- Use only FreeStyle Optium test strips.
- Use a test strip immediately after removing from its foil packet.
- Only use a test strip once.
- Do not use expired test strips as they may cause inaccurate results.
- Do not use a wet, bent, scratched or damaged test strip.
- Do not use the test strip if the foil packet has a hole or is torn.
- Results from the built-in meter are shown only in your Logbook and not in other history options.
- Refer to your lancing device instructions for use for how to use your lancing device.

### **Blood Glucose Testing**

You can use the built-in meter to check your blood glucose, whether you are wearing a Sensor or not. You can perform a blood glucose test on your fingertip or approved alternate site. Be sure to read the test strip instructions for use prior to using the built-in meter.

Step	Action		
1	<b>CAUTION:</b> If you think you have low glucose (hypoglycaemia) or you suffer from hypoglycaemia unawareness, test on your fingers.		
	Wash your hands and the test site with warm, soapy water for accurate results. Thoroughly dry your hands and the test site. To warm the site, apply a warm, dry pad or rub vigorously for a few seconds.		
	<b>Note:</b> Avoid areas near bones and areas with lots of hair. If a bruise forms, consider selecting another site.		



#### Step

6

#### Action



You will see a butterfly on the screen while you wait for your result. If sounds are turned on, the Reader beeps once when your result is ready.

After reviewing your result, remove and discard the used test strip according to local regulations.

**IMPORTANT:** After performing a blood glucose test, wash your hands and the test site with soap and water and thoroughly dry them.



#### **Your Blood Glucose Results**

Blood glucose results are marked on the results screen and in the Logbook with the symbol.

**Note:** Contact your health care professional if you have symptoms that do not match your test results.

#### **Display**



#### What To Do

If **LO** appears on the Reader, your result is lower than 1.1 mmol/L. If **HI** appears on the Reader, your result is higher than 27.8 mmol/L. You can touch the message button for more information. Check your blood glucose again with a test strip. If you get a second **LO** or **HI** result, contact your health care professional **immediately**.



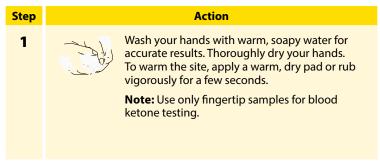
If your glucose is higher than 13.3 mmol/L or lower than 3.9 mmol/L, you will see a message on the screen. You can touch the message button for more information and set a reminder to check your glucose. After you get your blood glucose result, you can add Notes by touching the *symbol*. If you do not want to add a Note, press the Home Button to go to the Home Screen or hold the Home Button to turn the Reader off.

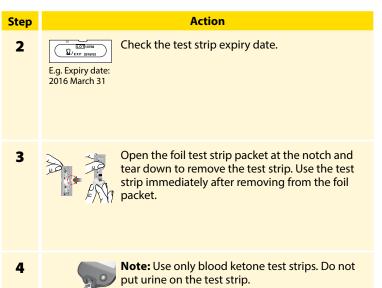
### **Blood Ketone Testing**

You can use the built-in meter to check your blood ketone (β-hydroxybutyrate). It is important to consider doing this when:

- You are sick
- Your glucose is higher than 13.3 mmol/L
- You and your health care professional decide you should

**Note:** Be sure to read the test strip instructions for use prior to performing a ketone test.





Insert the test strip with the three black lines facing up. Push the strip in until it stops.

#### Action

#### Step

5



Use your lancing device to obtain a blood drop and apply blood to the white area at the end of the test strip.

If sounds are turned on, the Reader beeps once to let you know you have applied enough blood.

**Note:** See test strip instructions for use for re-application instructions.



You will see a butterfly on the screen while you wait for your result. If sounds are turned on, the Reader beeps once when your result is ready.

6

After reviewing your result, remove and discard the used test strip according to local regulations.

**IMPORTANT:** After performing a blood ketone test, wash your hands with soap and water and thoroughly dry them.



#### **Your Blood Ketone Results**

Blood ketone results are marked on the results screen and in the Logbook with the word **Ketone**.

### Notes:

- Blood ketone is expected to be lower than 0.6 mmol/L.
- Blood ketone may be higher when you are sick, fasting, have exercised hard, or if glucose levels are not controlled.
- If your blood ketone result remains high or becomes higher than 1.5 mmol/L, contact your health care professional **immediately**.

#### Display



#### What To Do

If your blood ketone is high, you will see a message on the screen. You can touch the message button for more information.



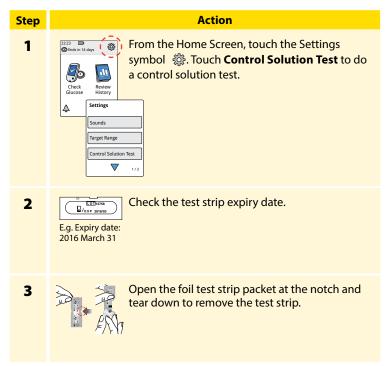
If **HI** appears on the Reader, your ketone result is higher than 8 mmol/L. You can touch the message button for more information. Repeat the ketone test with a new test strip. If you get a second **HI** result, contact your health care professional **immediately**.

### **Control Solution Testing**

You should do a control solution test when you are not sure of your test strip results and want to check that your Reader and test strips are working properly. You can do a control solution test with a blood glucose or ketone test strip.

### **IMPORTANT:**

- Control solution results should fall within the control solution range printed on the test strip instructions for use.
- Do NOT use control solution past the expiry date. Discard control solution 3 months after opening.
- The control solution range is a target range for control solution only, not for your blood glucose or ketone results.
- The control solution test does not reflect your blood glucose or ketone levels.
- Use only MediSense glucose and ketone control solution.
- Check that the LOT number printed on the test strip foil packet and instructions for use match.
- Replace the cap securely on the bottle immediately after use.
- Do NOT add water or other liquid to the control solution.
- Contact Customer Service for information on how to obtain control solution.



#### Action

Insert the test strip with the three black lines facing up. Push the strip until it stops.

5

Step



Shake the control solution bottle to mix the solution. Apply a drop of control solution to the white area at the end of the test strip.

If sounds are turned on, the Reader beeps once to let you know that you have applied enough control solution.



You will see a butterfly on the screen while you wait for the result. If sounds are turned on, the Reader beeps once when the result is ready.



Blood Glucose Control Solution Test

#### **Control Solution Results**

Compare the control solution result to the range printed on the test strip instructions for use. The result on your screen should be in this range.

Control solution results are marked on the results screen and in the Logbook with a  $\delta$  symbol.



the test strip instructions for use. Stop using the built-in meter if the control solution results are repeatedly outside of the printed range. Contact Customer Service.

**Note:** Repeat the control solution test if the results are outside of the range printed on

**Ketone Control Solution Test** 

# **Charging the Reader**

A fully charged Reader battery should last up to 7 days. Your battery life may vary depending on your usage. A **Low Battery** message accompanies your result when you have enough charge remaining for about one day of use.





Charging

Plug the included USB cable into an electrical outlet using the included power adapter. Then, plug the other end of the USB cable into the USB port on the Reader.

**CAUTION:** Be sure to select a location for charging that allows the power adapter to be easily unplugged.

#### Notes:

- You must charge the Reader when the battery is low i to keep using the Reader.
- To fully charge the battery, charge the Reader for at least 3 hours.
- Only use the USB cable and power adapter included with the system.
- Fully charge your Reader before storing it for more than 3 months.

# **Changing the Reader Settings**

You can go to the Settings menu to change many settings on the Reader, like Time & Date or Sounds. The Settings menu is also where you go to do a Control Solution Test or to check the System Status.

Step		Action
1	22-23 D The sin 14 Check Glucose	To get to the Settings menu, touch the Settings symbol 🔅 on the Home Screen.
		Target Range Control Solution Test

### Step 2

#### Action

- Touch the setting you want to change:
  - **Sounds** Set tones and vibrations

Target Range – Set range displayed on Reader

glucose graphs

Control Solution Test – Perform a Control Solution test

Time & Date – Change the Time or Date

Language – Change the language on the Reader (option only available on Readers with multiple languages)

System Status – Check Reader information and performance

- View System Information: The Reader will display information about your System including:
  - Current Sensor end date and time
  - Reader serial number and version number
  - Serial numbers of most recent Sensors (up to three)
  - Sensor version for most recent Sensor
  - Number of Sensors that have been used with Reader
  - Number of tests that have been performed using test strips

Step	Action
2 (cont.)	<ul> <li>View Event Logs: A list of events recorded by the Reader, which may be used by Customer Service to help troubleshoot your System</li> </ul>
	<ul> <li>Perform a Reader Test: The Reader Test will perform internal diagnostics and allow you to check that the Display is showing all pixels, Sounds (including both tones and vibrations) are working, and the Touchscreen is responding when touched</li> </ul>
	<b>Reader Basics</b> – Review the information screens shown during the Reader setup <b>Dose Increment</b> – You can set the insulin dose increment to
	either 1.0 or 0.5 units for use with insulin notes
	Touch <b>OK</b> when you are done.

# Living With Your FreeStyle Libre System

Your FreeStyle Libre Flash Glucose Monitoring System can be used during a wide variety of activities.

Activity	What You Need To Know
Bathing, Showering and Swimming	The Reader is not water-resistant and should NEVER be submerged in water or other liquid. Your Sensor is water-resistant and can be worn while bathing, showering or swimming. <b>Note:</b> Do NOT take your Sensor deeper than 1 metre (3 feet) or immerse it longer than 30 minutes in water.
Sleeping	Your Sensor should not interfere with your sleep. It is recommended that you scan your Sensor before going to sleep and when you wake up because your Sensor holds 8 hours of data at a time. If you have reminders set to go off while you are sleeping, place the Reader nearby.

Activity	What You Need To Know
Travelling by Air	Check with the airline prior to departure as rules and regulations may change without notice. Follow these guidelines when travelling:
	• Notify security personnel of the presence of the device when going through security systems.
	<ul> <li>Do not scan your Sensor or power on the Reader using the Home Button while flying, if restricted by flight regulations. You may insert a strip to perform a blood glucose or ketone test.</li> </ul>
	Note: If you are changing time zones, you can change the time and date settings on the Reader by touching the Settings symbol  from the Home Screen, then <b>Time &amp; Date</b> . Changing the time and date affects the graphs, statistics and settings programmed by time of day. The symbol may appear on your glucose graph indicating the Reader time was changed. Gaps in the graph may result or glucose readings may be hidden.

# **Maintenance and Disposal**

### Cleaning

You may clean the Reader using a cloth dampened with a mixture of 1 part household bleach to 9 parts water. Gently wipe the exterior of the Reader and allow to air dry.

**CAUTION:** Do NOT place the Reader in water or other liquids. Avoid getting dust, dirt, blood, control solution, water or any other substance in the test strip or USB ports.

#### Maintenance

The FreeStyle Libre Flash Glucose Monitoring System has no serviceable parts.

#### Disposal

This product should be disposed of in accordance with all applicable local regulations related to the disposal of electronic equipment, batteries, sharps and materials potentially exposed to body fluids.

Contact Customer Service for further information on the appropriate disposal of system components.

## Troubleshooting

This section lists problems or observations that you may have, the possible cause(s), and recommended actions. If the Reader experiences an error, a message will appear on the screen with directions to resolve the error.

### **Reader Does Not Power On**

Problem	What It May Mean	What To Do
Reader does not power on after you press the Home Button or insert a test strip.	Reader battery is too low.	Charge the Reader.
	Reader is outside of its operating temperature range.	Move the Reader to a temperature between 10 °C and 45 °C and then try to power it on.

If the Reader still does not power on after trying these steps, contact Customer Service.

## **Problems at the Sensor Application Site**

Problem	What It May Mean	What To Do
The Sensor is not sticking to your skin.	The site is not free of dirt, oil, hair or sweat.	<ol> <li>Remove the Sensor.</li> <li>Consider shaving and/or cleaning the site with soap and water.</li> <li>Follow the instructions in <i>Applying and Starting Your</i> <i>Sensor</i> sections.</li> </ol>
Skin irritation at the Sensor application site.	Seams or other constrictive clothing or accessories causing friction at the site.	Ensure that nothing rubs on the site.
	You may be sensitive to the adhesive material.	If the irritation is where the adhesive touches skin, contact your health care professional to identify the best solution.

## Problems Starting Your Sensor or Receiving Sensor Readings

Display	What It May Mean	What To Do
New Sensor Starting Up	Sensor is not ready to read glucose.	Wait until the 60-minute Sensor start-up period has completed.
Scan Timeout	The Reader is not held close enough to the Sensor.	Hold the Reader within 4 cm (1.5 inches) of the Sensor. Bring the screen of the Reader close to the Sensor.
Sensor Ended	The Sensor life has ended.	Apply and start a new Sensor.

Display	What It May Mean	What To Do
New Sensor Found	You scanned a new Sensor before your previous Sensor ended.	Your Reader can only be used with one Sensor at a time. If you start a new Sensor, you will no longer be able to scan your old Sensor. If you would like to begin using the new Sensor, select "Yes".
Scan Error	The Reader was unable to communicate with the Sensor.	Try scanning again. <b>Note:</b> You may need to move away from potential sources of electromagnetic interference.
Sensor Error	The System is unable to provide a glucose reading.	Scan again in 10 minutes.

Display	What It May Mean	What To Do
Glucose Reading Unavailable	Your Sensor is too hot or too cold.	Move to a location where the temperature is appropriate and scan again in a few minutes.
Sensor Already in Use	The Sensor was started by another Reader.	A Sensor can only be scanned by the Reader that started it. Scan the Sensor again with the Reader that started it. Or, apply and start a new Sensor.
Check Sensor	The Sensor tip may not be under your skin.	Try to start your Sensor again. If Reader displays "Check Sensor" again, your Sensor was not applied properly. Apply and start a new Sensor.
Replace Sensor	The System has detected a problem with your Sensor.	Apply and start a new Sensor.

## **Blood Glucose or Ketone Error Messages**

Error Message	What It May Mean	What To Do
E-1	The temperature is too hot or too cold for the Reader to work correctly.	<ol> <li>Move the Reader and test strips to a location where the temperature is within the test strip operating range. (See test strip instructions for use for the appropriate range).</li> <li>Wait for the Reader and test strips to adjust to the new temperature.</li> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact Customer Service.</li> </ol>
E-2	Reader error.	<ol> <li>Turn off the Reader.</li> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact Customer Service.</li> </ol>

Error Message	What It May Mean	What To Do
E-3	Blood drop is too small. or Incorrect test procedure. or There may be a problem with the test strip.	<ol> <li>Review the testing instructions.</li> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact Customer Service.</li> </ol>
E-4	The blood glucose level may be too high to be read by the system. or There may be a problem with the test strip.	<ol> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact your health care professional immediately.</li> </ol>

Error Message	What It May Mean	What To Do
E-5	Blood was applied to the test strip too soon.	<ol> <li>Review the testing instructions.</li> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact Customer Service.</li> </ol>
E-6	The test strip may not be compatible with the Reader.	<ol> <li>Check that you are using the correct test strip for the Reader. (See test strip instructions for use to verify your strip is compatible with the Reader).</li> <li>Repeat the test using a test strip for use with your Reader.</li> <li>If the error reappears, contact Customer Service.</li> </ol>

Error Message	What It May Mean	What To Do
E-7	Test strip may be damaged, used, or the Reader does not recognise it.	<ol> <li>Check that you are using the correct test strip for the Reader. (See test strip instructions for use to verify your strip is compatible with the Reader).</li> <li>Repeat the test using a test strip for use with your Reader.</li> <li>If the error reappears, contact Customer Service.</li> </ol>
E-9	Reader error.	<ol> <li>Turn off the Reader.</li> <li>Repeat the test using a new test strip.</li> <li>If the error reappears, contact Customer Service.</li> </ol>

## **Problems Checking Your Blood Glucose or Ketone**

Problem	What It May Mean	What To Do	
The Reader does not start a test after inserting a test strip.	Test strip is not inserted correctly or not inserted fully into the strip port.	<ol> <li>With the 3 black lines facing up, insert the test strip into the strip port until it stops.</li> <li>If the Reader still does not start a test, contact Customer Service.</li> </ol>	
	Reader battery is too low.	Charge the Reader.	
	The test strip is damaged, used or unrecognisable by the Reader.	Insert a new FreeStyle Optium test strip.	
	Reader is outside of its operating temperature range.	Move the Reader to a temperature between 10 °C and 45 °C and then try to power it on.	
	Reader is in a power saving mode.	Press the Home Button then insert a test strip.	

Problem	What It May Mean	What To Do
The test does not start after applying the blood sample.       Blood sample is too small.         Sample.       Sample applied after the Reader turned off.         Problem with Reader or test strip.       Problem with Reader or test strip.	<ol> <li>See test strip instructions for use for re-application instructions.</li> <li>Repeat the test using a new test strip.</li> <li>If the test still does not start, contact Customer Service.</li> </ol>	
	the Reader turned	<ol> <li>Review the testing instructions.</li> <li>Repeat the test using a new test strip.</li> <li>If the test still does not start, contact Customer Service.</li> </ol>
		<ol> <li>Repeat the test using a new test strip.</li> <li>If the test still does not start, contact Customer Service.</li> </ol>

### **Perform a Reader Test**



If you think the Reader is not working properly, you can check the Reader by performing a Reader Test. Touch the Settings symbol 🔅 from the Home Screen, select **System Status** and then select **Reader Test**.

**Note:** The Reader Test will perform internal diagnostics and will allow you to check that the display, sounds and touchscreen are working properly.

#### **Customer Service**

Customer Service is available to answer any questions you may have about your FreeStyle Libre Flash Glucose Monitoring System. Please go to the back cover of this manual for your Customer Service phone number.

## **System Specifications**

See test strip and control solution instructions for use for additional specifications.

#### **Sensor Specifications**

Sensor glucose assay method	Amperometric electrochemical sensor	
Sensor glucose reading range	2.2 to 27.8 mmol/L	
Sensor size	5 mm height and 35 mm diameter	
Sensor weight	5 grams	
Sensor power source	One silver oxide battery	

Sensor life	Up to 14 days	
Sensor memory	8 hours (glucose readings stored every 15 minutes)	
Operating temperature	10 ℃ to 45 ℃	
Sensor Applicator and Sensor Pack storage temperature	4 ℃ to 25 ℃	
Operating and storage relative humidity	10-90%, non-condensing	
Sensor water resistance	IP27: Can withstand immersion into one metre (3 ft) of water for up to 30 minutes	
Operating and storage altitude	-381 metres (-1,250 ft) to 3,048 metres (10,000 ft)	

## **Reader Specifications**

Blood glucose assay range	1.1 to 27.8 mmol/L	
Blood ketone assay range	0.0 to 8.0 mmol/L	
Reader size	95 mm x 60 mm x 16 mm	
Reader weight	65 grams	
Reader power source	One lithium-ion rechargeable battery	
Reader battery life	7 days of typical use	
Reader memory	90 days of typical use	
Reader operating temperature	10 °C to 45 °C	
Reader storage temperature	-20 °C to 60 °C	

Operating and storage relative humidity	10-90%, non-condensing	
Reader moisture protection	Keep dry	
Operating and storage altitude	-381 metres (-1,250 ft) to 3,048 metres (10,000 ft)	
Reader display timeout	60 seconds (120 seconds when test strip is inserted)	
Radio Frequency	13.56 MHz RFID; ASK Modulation; 124 dBuV/m	
Data port	Micro USB	
Minimum Computer Requirements	System must only be used with EN60950-1 rated computers	
Mean service life	3 years of typical use	
Power Adapter	Abbott Diabetes Care PRT25612 Operating temperature: 10 °C to 40 °C	
USB Cable	Abbott Diabetes Care PRT21373 Length: 94 cm (37 inches)	

## Labelling Symbols

[]i]	Consult instructions for use	R	Use-by date
X	Temperature limit	REF	Catalogue number
	Manufacturer	SN	Serial number
CE	CE Mark	Ţ	Keep dry
LOT	Batch code	$((\bullet))$	Non-ionizing radiation
<b>†</b>	Type BF applied part	Â	Caution
CODE	Sensor code	STERILE R	Sterilised using irradiation
2	Do not re-use	<u>(%)</u>	Humidity limitation
8	Do not use if package is damaged		



This product must not be disposed of via standard waste collection. Separate collection for electrical and electronic equipment waste per Directive 2012/19/EC in the European Union is required. Contact the manufacturer for details.

## **Electromagnetic Compatibility**

- The System needs special precautions regarding EMC and needs to be installed and put into service according to the EMC information provided in this manual.
- Portable and mobile RF communications equipment can affect the System.
- The use of accessories, transducers and cables other than those specified by Abbott Diabetes Care may result in increased EMISSIONS or decreased IMMUNITY of the System.
- The System should not be used adjacent to or stacked with other equipment and if adjacent or stacked use is necessary, the System should be observed to verify normal operation in the configuration in which it will be used.

# Guidance and manufacturer's declaration – electromagnetic emissions

The System is intended for use in the electromagnetic environment specified below. The customer or the user of the System should assure that it is used in such an environment.

Emissions test	Compliance	Electromagnetic environment – guidance
RF emissions CISPR 11	Group 1	The System uses RF energy only for its internal function. Therefore, its RF emissions are very low and are not likely to cause any interference in nearby electronic equipment.
RF emissions CISPR 11	Class B	The System is suitable for use in all establishments, including
Harmonic emissions IEC 61000-3-2	Class A	domestic establishments and those directly connected to the public low voltage power supply
Voltage fluctuations / flicker emissions IEC 61000-3-3	Complies	network that supplies buildings used for domestic purposes.

# Guidance and manufacturer's declaration – electromagnetic immunity

The System is intended for use in the electromagnetic environment specified below. The customer or the user of the System should assure that it is used in such an environment.

IMMUNITY test	IEC 60601 test level	Compliance Level	Electromagnetic environment – guidance
Electrostatic discharge (ESD) IEC 61000-4-2	± 6 kV contact ± 8 kV air	± 6 kV contact ± 8 kV air	Floors should be wood, concrete or ceramic tile. If floors are covered with synthetic material, the relative humidity should be at least 30 %.
Electrical fast transient/burst IEC 61000-4-4	± 2 kV for power supply lines ± 1 kV for input/ output lines	± 2 kV for power supply lines ± 1 kV for input/ output lines	Mains power quality should be that of a typical domestic, commercial or hospital environment.

IMMUNITY test	IEC 60601 test level	Compliance Level	Electromagnetic environment – guidance
Surge IEC 61000-4-5	±1 kV differential mode ±2 kV common mode	±1 kV differential mode ±2 kV common mode	Mains power quality should be that of a typical domestic, commercial or hospital environment.
Voltage dips, short interruptions and voltage variations on power supply input lines IEC 61000-4-11	<5 % U <sup>7</sup> (>95 % dip in U <sup>7</sup> ) for 0.5 cycle 40 % U <sup>7</sup> (60 % dip in U <sup>7</sup> ) for 5 cycles 70 % U <sup>7</sup> (30 % dip in U <sup>7</sup> ) for 25 cycles <5 % U <sup>7</sup> (>95 % dip in U <sup>7</sup> ) for 5 seconds	<5 % U <sup>T</sup> (>95 % dip in U <sup>T</sup> ) for 0.5 cycle 40 % U <sup>T</sup> (60 % dip in U <sup>T</sup> ) for 5 cycles 70 % U <sup>T</sup> (30 % dip in U <sup>T</sup> ) for 25 cycles <5 % U <sup>T</sup> (>95 % dip in U <sup>T</sup> ) for 5 seconds	Mains power quality should be that of a typical domestic, commercial or hospital environment. If the user of the System requires continued operation during power mains interruptions, it is recommended that the System be powered from an uninterruptible power supply or a battery.

IMMUNITY	IEC 60601	Compliance	Electromagnetic
test	test level	Level	environment – guidance
Power frequency (50/60 Hz) magnetic field IEC 61000-4-8	3 A/m	3 A/m	Power frequency magnetic fields should be at levels characteristic of a typical location in a typical domestic, commercial or hospital environment.

NOTE  $U^{T}$  is the a.c. mains voltage prior to application of the test level.

IMMUNITY	IEC 60601	Compliance	Electromagnetic
test	test level	Level	environment – guidance
Conducted RF IEC 61000-4-6	3 Vrms 150 kHz to 80 MHz	3 Vrms	Portable and mobile RF communications equipment should be used no closer to any part of the System, including cables, than the recommended separation distance calculated from the equation applicable to the frequency of the transmitter. <b>Recommended separation</b> <b>distance</b> $d = 1.2\sqrt{P}$

IMMUNITY	IEC 60601	Compliance	Electromagnetic
test	test level	Level	environment – guidance
Radiated RF IEC 61000-4-3	3 V/m 80 MHz to 2.5 GHz	3 V/m	Recommended separation distance $d = 1.2 \sqrt{P}$ 80 MHz to 800 MHz $d = 2.3 \sqrt{P}$ 800 MHz to 2.5 GHz

P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer and d is the recommended separation distance in metres (m).

Field strengths from fixed RF transmitters, as determined by an electromagnetic site survey,<sup>a</sup> should be less than the compliance level in each frequency range.<sup>b</sup>

Interference may occur in the vicinity of equipment marked with the following symbol: (((



NOTE 1 At 80 MHz and 800 MHz, the higher frequency range applies.

NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people.

<sup>a</sup> Field strengths from fixed transmitters, such as base stations for radio (cellular/cordless) telephones and land mobile radios, amateur radio, AM and FM radio broadcast and TV broadcast cannot be predicted theoretically with accuracy. To assess the electromagnetic environment due to fixed RF transmitters, an electromagnetic site survey should be considered. If the measured field strength in the location in which the System is used exceeds the applicable RF compliance level above, the System should be observed to verify normal operation. If abnormal performance is observed, additional measures may be necessary, such as re-orienting or relocating the System.

<sup>b</sup> Over the frequency range 150 kHz to 80 MHz, field strengths should be less than 3 V/m.

## Recommended separation distances between portable and mobile RF communications equipment and the System

The System is intended for use in an electromagnetic environment in which radiated RF disturbances are controlled. The customer or the user of the System can help prevent electromagnetic interference by maintaining a minimum distance between portable and mobile RF communications equipment (transmitters) and the System as recommended below, according to the maximum output power of the communications equipment.

Rated maximum output power of	Separation distance according to frequency of transmitter m			
<b>transmitter</b> W	150 kHz to80 MHz to80 MHz800 MHz		800 MHz to 2.5 GHz	
	$d = 1.2 \sqrt{P}$	$d = 1.2 \sqrt{P}$	$d = 2.3 \sqrt{P}$	
0.01	0.12	0.12	0.23	
0.1	0.38	0.38	0.73	
1	1.2	1.2	2.3	
10	3.8	3.8	7.3	
100	12	12	23	

For transmitters rated at a maximum output power not listed above, the recommended separation distance d in metres (m) can be estimated using the equation applicable to the frequency of the transmitter, where P is the maximum output power rating of the transmitter in watts (W) according to the transmitter manufacturer.

NOTE 1 At 80 MHz and 800 MHz, the separation distance for the higher frequency range applies. NOTE 2 These guidelines may not apply in all situations. Electromagnetic propagation is affected by absorption and reflection from structures, objects and people. Hereby, Abbott Diabetes Care Ltd, declares that the FreeStyle Libre Flash Glucose Monitoring System is in compliance with the essential requirements and other relevant provisions of the R&TTE Directive. A copy of the original declaration of conformity may be obtained from Abbott Diabetes Care Ltd., Range Road, Witney, Oxon, OX29 0YL, UK.

Font Licence ©2013 Abbott Licensed under the Apache Licence, Version 2.0 (the "Licence"); you may not use this file except in compliance with the Licence. You may obtain a copy of the Licence at: http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the Licence is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Licence for the specific language governing permissions and limitations under the Licence.

## **Warranty Statement**

#### **Limited Warranty**

Abbott Diabetes Care ("Abbott") warrants that the FreeStyle Libre Reader ("Reader") shall be free from defects in material and workmanship and shall be of satisfactory quality for a period of two (2) years from the original date of purchase provided it is not modified, altered or misused. This Limited Warranty is valid if the Reader is defective in material or workmanship, and it has been used only in accordance with the User's Manual. Abbott's sole obligation is to replace the Reader, free of charge, with a same or alternative meter as determined by Abbott in its sole discretion. Your replacement may be a different model or type. This Warranty covers only the Reader, does not cover disposable accessories, extends only to the original purchaser, and is not assignable or transferable. This warranty does not affect or preclude any other rights which you may have by law.

For warranty service, contact Customer Service for assistance and/or instructions for obtaining a replacement Reader. Please go to the back cover of this manual for your Customer Service phone number. Abbott may require as a condition to obtaining warranty service that you return your Reader, postage prepaid, to an address specified by Customer Service.

TO THE EXTENT POSSIBLE UNDER LAW, THE FOREGOING ARE ABBOTT'S ONLY WARRANTIES FOR THE READER AND STATE YOUR EXCLUSIVE REMEDIES. ABBOTT MAKES NO OTHER WARRANTIES, EXPRESS OR IMPLIED, AND ABBOTT EXCLUDES AND DISCLAIMS ANY OTHER WARRANTIES INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. ABBOTT DOES NOT WARRANT THAT OPERATION OF THE READER WILL BE UNINTERRUPTED OR ERROR FREE AND ABBOTT WILL NOT BE LIABLE FOR ANY INCIDENTAL OR CONSEQUENTIAL DAMAGES RESULTING DIRECTLY OR INDIRECTLY FROM USE OF THE READER OR FAILURE OF THE READER TO PERFORM IN ACCORDANCE WITH SPECIFICATIONS. Distributed by:

Local Responsible Person Abbott Laboratories Limited, Abbott Diabetes Care 20/F, AIA Tower, 183 Electric Road, North Point, Hong Kong Tel: 5808-4196 Abbott Laboratories (Singapore) Pte Ltd Abbott Diabetes Care

3 Fraser Street #23-28 DUO Tower Singapore 189352 1800-272-2881

FreeStyle and related brand marks are trademarks of Abbott Diabetes Care Inc. in various jurisdictions.

Patent: https://www.abbott.com/patents

**CE** 0086



Abbott Diabetes Care Ltd. Range Road Witney, Oxon OX29 OYL. UK

