



USER GUIDE & PRACTICAL ADVICE

FreeStyle Libre 2

Your diabetes is easily monitored with glucose readings updated every minute.

This is progress.



The FreeStyle Libre 2

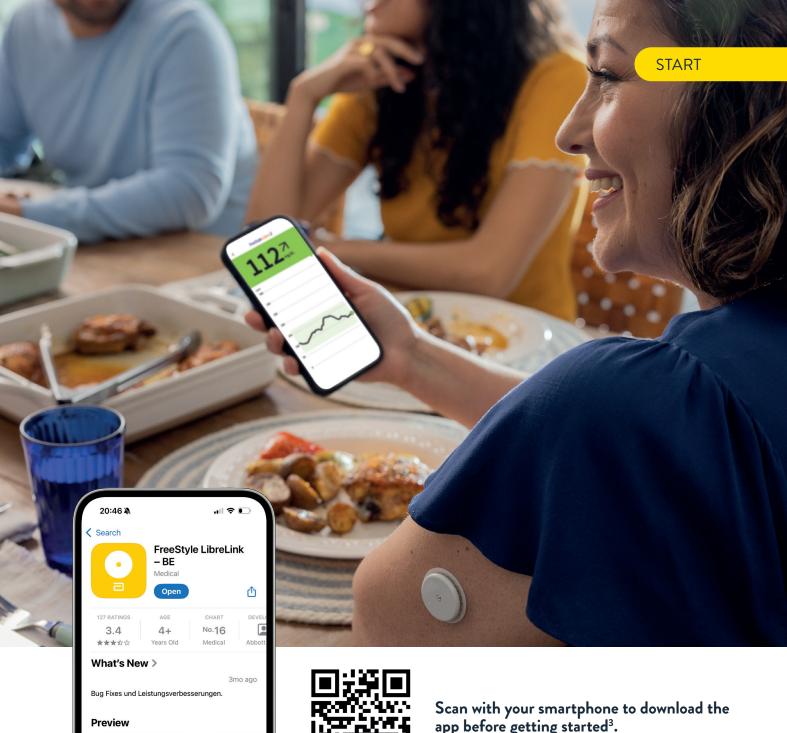


A glucose monitoring system that is easy to apply, use and replace. Your glucose level, anywhere¹, anytime².

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^{1.} Sensor is water-resistant in up to 1 meter of water. Do not immerse longer than 30 minutes. Not to be used above 3048 meters.

^{2. 60-}minute warm-up required when applying the sensor.





Scan with your smartphone to download the app before getting started³.



Remember to update your apps so you don't miss the features and improvements of our products.



Select the app for your country: BE for Belgian residents.



112 7 mg/d

Is my smartphone compatible with the FreeStyle LibreLink app? I carry out the test by scanning the QR code with my smartphone.

^{3.} The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please visit www.myFreeStyle.be, or scan the QR code above for more information on device compatibility before using the app. Use of FreeStyle LibreLink may require registration with LibreView.

Discover the FreeStyle Libre 2 system

An easy, practical continuous glucose monitoring device.





The FreeStyle Libre 2 sensor

- Automatically measures your glucose level, every minute, day and night.
- Automatically and continuously records glucose levels for the last 8 hours.
- Designed to remain on the back of the upper arm for a maximum of 14 days.
- Does not require fingertip blood glucose testing. 1,2

The FreeStyle Libre 2 reader

- Fast and painless scan 1,3
- Stores data for 90 days.⁴
- Displays a trend arrow to easily⁵ spot times of rapid change.
- Reports providing easy interpretation.
- Alerts you when you are in hypo- and hyperglycemia.^{1,6}

^{1.} Finger pricks are required when glucose readings and alarms do not match symptoms or expectations. 2. The calibration of the FreeStyle Libre system is carried out directly in the factory.
3. Haak, T. Diabetes Therapy (2017): https://doi.org/10.1007/s13300-016-0223-6 4. To get a complete overview of glucose levels over the past 3 months, the FreeStyle Libre 2 sensor must be replaced every 14 days. 5. Fokkert, M. BMJ Open Diabetes Research & Care (2019). https://doi.org/10.1136/bmjdrc-2019-000809. 6. The FreeStyle Libre 2 system is equipped with optional glucose alarms. Alarms must be enabled to receive hypoglycemia and hyperglycemia alerts. Notifications will only be received when alarms are turned on and the sensor is within 6 meters unobstructed of the reading device.







The FreeStyle LibreLink app⁷

- Your glucose at a glance, without scanning.
- Add notes: carbohydrates ingested, insulin administered, physical exercise, medications, etc.
- Easily share your glucose data with friends and/or your healthcare team.

The LibreLinkUp app8

- Designed for parents and caregivers.
- Stay informed about a relative's glucose values and trends
- Your relative may receive notifications when your glucose is too high or too low.



Scan to restore a lost Bluetooth® connection quickly.

Download the apps on your smartphone





7. The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please check www.myFreeStyle.be for more information about device compatibility before using the app. Use of FreeStyle LibreLink may require registration with LibreView. 8. The LibreLinkUp app is only compatible with certain mobile devices and operating systems. Please visit the website, www.LibreLinkUp.com for more information about device compatibility before using the app. Use of LibreLinkUp requires registration with LibreView. The LibreLinkUp mobile app is not intended to be a primary glucose monitoring device: users should consult their primary device(s) and consult a healthcare professional before making any medical interpretation and treatment adjustments based on the information provided by the app.

Get Started with FreeStyle Libre



1 Prepare your skin



WASH

Only use a non-moisturizing, fragrance-free soap to wash the sensor application area and then dry it.



CLEAN

Use a cotton pad soaked with alcohol or ether (not hydroalcoholic gel) to remove any oily residue.



DRY

Allow your skin to dry completely before applying the sensor. This is especially important if you plan to apply the sensor after a shower or swimming session¹.



Ensure that you select an approved application area on the back of the upper arm.



Advice for all skin types



Hairs may interfere with sensor adhesion.

Shave the application site before applying your sensor if necessary.



Avoid moisturizing products, creams and lotions, in the application area. They could leave an oily residue.

Wash, remove grease from and dry the application site before applying your sensor.

2 Prepare the sensor



- Open the pack by removing the seal.
 - Unscrew the sensor applicator cap.



- Align the black line on the sensor applicator with the black line on the pack.
 - Press down firmly.



• Remove the sensor applicator from the sensor pack.

3 Apply the sensor



- Place the applicator in the previously prepared area.
- Press firmly to apply the sensor.



- You will hear a click.
- Gently remove the applicator from your arm.



- Make sure the sensor is secure.
- Smooth the edge to increase adhesion.²

4 Activate the sensor

- If using the reader for the first time: turn on the device by pressing the blue button, then use the arrows to set the date and time and target glucose range.³
- If you are using the FreeStyle LibreLink app for the first time: open it and follow the different registration steps.
- It is possible to use your FreeStyle Libre 2 sensor with the FreeStyle LibreLink app and/or with the FreeStyle Libre 2 reader.



Remember to adjust and activate the new sensor before bedtime to allow your body to get used to the presence of the sensor while you sleep.

1. Sensor is water-resistant in up to 1 meter of water. Do not immerse longer than 30 minutes. Not to be used above 3048 meters. Do not immerse longer than 30 minutes. 2. Rebrin K, Sheppard NF Jr, Steil, GM. Use of subcutaneous interstitial fluid glucose to estimate blood glucose: Revisiting delay and sensor offset. J Diabetes Sci Technol. 2010;4(5): 1087-1098. https://doi.org/10.1177/193229681000400507 3. Refer to your User Manual in the support section of the myFreeStyle.be website for instructions and additional information about the system.

To use the FreeStyle Libre 2 reader and the FreeStyle LibreLink app at the same time1:



- 1. Start your sensor with the reader first.
- 2. Then scan your sensor with your smartphone. You can activate the sensor with your FreeStyle LibreLink app anytime after activating this sensor with the reader

We do not recommend simultaneous use: if you use the app and the reader at the same time, the alarms will only sound on the reader and you will always have to scan with your app to obtain a glucose reading².





With the reader





 Press the home button to turn on the FreeStyle Libre 2 reader.





• Press "Start a new sensor".





- Keep the FreeStyle Libre 2 reader within 4 cm of the sensor.
- If sounds and vibrations are turned on, the FreeStyle Libre 2 reader will beep and vibrate when the sensor has been detected.





• The sensor may be used to check your glucose after 60 minutes.



1 • Open the FreeStyle LibreLink app.



• Press on "Scan new sensor".



- Bring your smartphone to within 4 cm of the sensor.
- If sounds and vibrations are turned on, the smartphone will beep and/or vibrate when the sensor has been detected.



If you have previously scanned the same sensor with a FreeStyle Libre 2 reader:

- A notification confirms that you can now scan your sensor using either your smartphone or your FreeStyle Libre 2 reader.
- Press "OK".

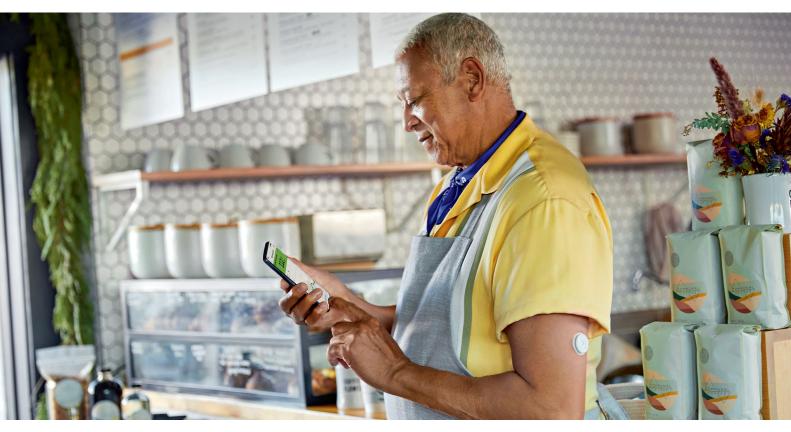


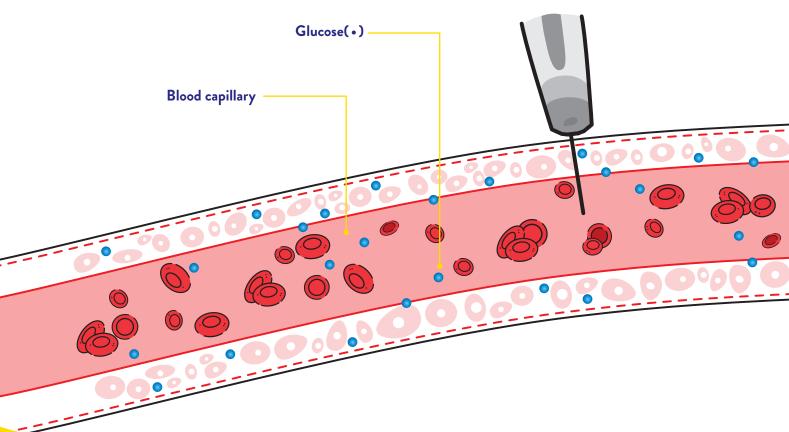
- The sensor may be used to check your glucose
 60 minutes after its activation.
- You will see a countdown appear.

^{1.} The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please check www.myFreeStyle.be for more information about device compatibility before using the app. Use of FreeStyle LibreLink may require registration with LibreView. 2. The FreeStyle Libre sensor communicates with the FreeStyle Libre 2 reader or the FreeStyle LibreLink app that started it. A sensor that was started by a FreeStyle Libre 2 reader may also communicate with the FreeStyle LibreLink app but optional glucose alarms will only be available on the FreeStyle Libre 2 reader. The FreeStyle LibreLink app may be used to scan the sensor and view glucose levels, as well as reports.

Understand sensor-based glucose monitoring

Difference between traditional self-monitoring of blood glucose and the FreeStyle Libre system.





It is quite normal for your glucose level to be different in some situations, because it takes a little longer for glucose to penetrate the interstitial fluid than the blood. Glucose first enters the bloodstream glucose being absorbed by the interstitial fluid.



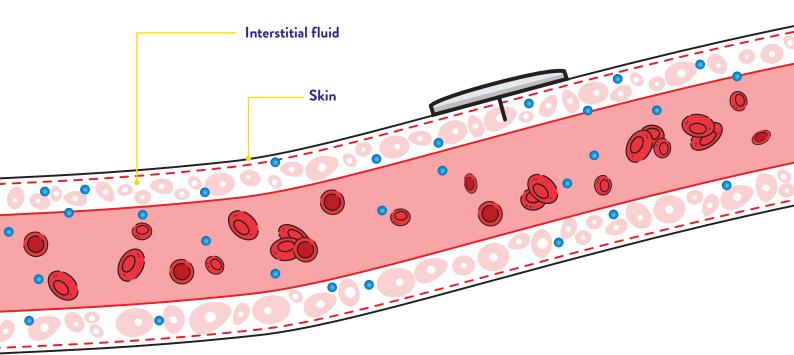
Traditional self-monitoring of blood glucose.

Standard blood glucose provides information about your blood glucose level.



The FreeStyle Libre system

It measures the level of glucose in the interstitial fluid (the fluid between the cells under the skin) and not in the blood. There is often a difference between these two levels.

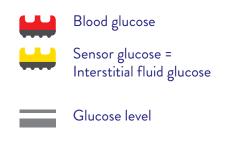


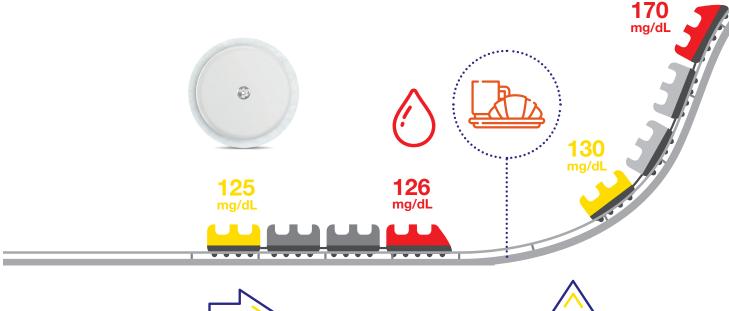


Finger pricks are required if glucose readings and alarms do not match symptoms or expectations.

Understand sensor-based glucose monitoring

Difference between traditional self-monitoring of blood glucose and the FreeStyle Libre system.





Stable glucose levels.

When there are few fluctuations in glucose levels, blood glucose measurements and sensor glucose levels have very close, although rarely similar, levels.



When there is a rapid increase in the glucose level,

the sensor glucose level may be lower than the blood glucose.



The glucose level in the interstitial fluid reflects the glucose level in the blood with a time lag of about 10 minutes¹.

1. Rebrin K, Sheppard NF Jr, Steil, GM. Use of subcutaneous interstitial fluid glucose to estimate blood glucose: Revisiting delay and sensor offset. J Diabetes Sci Technol. 2010;4(5): 1087-1098. https://doi.org/10.1177/193229681000400507



When there is a rapid decrease in the glucose level, the sensor glucose level may be higher than the blood glucose.



Your podcast on diabetes

www.letstalkdiabetes.be



Produced with the support of:







Discover on:

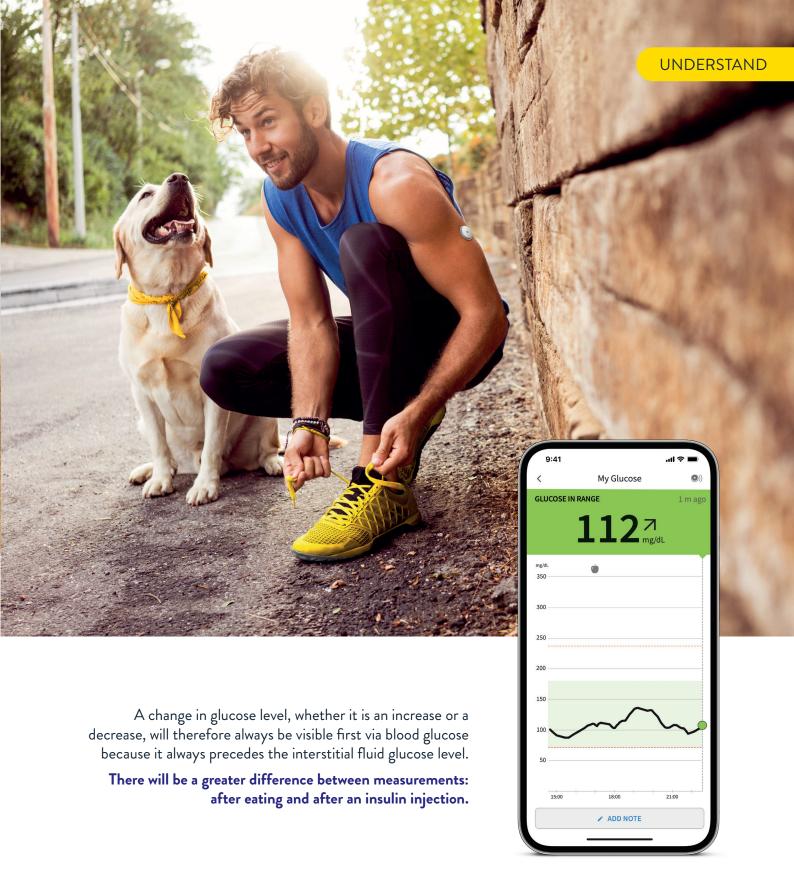






An initiative of:



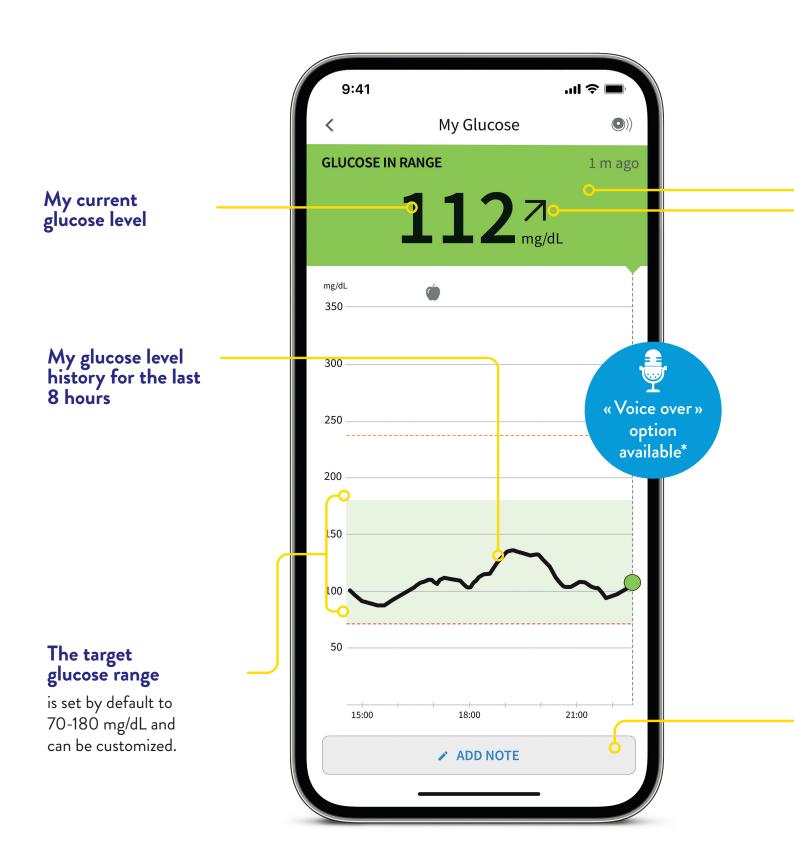


See the explanatory video to understand the difference between blood glucose and interstitial fluid glucose on myFreeStyle.be



Use FreeStyle Libre 2

Using the FreeStyle LibreLink app^{1,2}, I can analyze the following at a glance:



^{*}For reading the glucose result with a scan.

A color code² that indicates your glucose level:

GREEN

Your glucose level is within the set target range.

YELLOW

Your glucose is outside the set target range but between 70 mg/dL and 240 mg/dL.

ORANGE

Your glucose level is very high (> 240 mg/dL).

RED

Your glucose level is low (< 70 mg/dL).

The trend arrow that shows how my glucose level is changing

Trend arrow	Meaning
\uparrow	Your glucose is rising rapidly > 2 mg/dL per minute
\supset	Your glucose is rising from 1 to 2 mg/dL per minute
\rightarrow	Your glucose is changing slowly < 1 mg/dL per minute
\supset	Your glucose is dropping from 1 to 2 mg/dL per minute
\downarrow	Your glucose is dropping rapidly > 2 mg/dL per minute



Add comments to your results

Based on your results, you can specify the context of your glucose levels to obtain more detailed reports. For example: carbohydrates ingested, rapid or long-acting insulin administered, physical activity, medications, etc.

^{1.} The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please visit www.myFreeStyle.be for more information on device compatibility before using the app. The use of FreeStyle LibreLink may require registration with LibreView. 2. Color codes are only available on Freestyle Libre apps.

Living with the FreeStyle Libre system

FreeStyle Libre - more than just sparing your fingertips!

What are the benefits?



Practical

Your glucose level at a glance.



Real-time glucose measurements

Update every minute.



Peace of mind

Easy observation of hypers and hypos, even at night.



Simple and discreet to wear

As small as a 2€ coin.



Be made aware of your hyperglycemia and hypoglycemia with optional glucose alarms

Alarms must be enabled to receive hyper- and hypo-glycemia alarms.



Waterproof¹

For 30 minutes and up to a depth of one meter.



Clinically proven

to lower HbA1c², increase the time in the target range³ and reduce the number of hypoglycemic episodes⁴, which may lead to fewer medical complications.

Taking care of your sensor

Beware of things that may cause the sensor to detach:



Wear appropriate clothing

Wear loose, light clothing. When getting dressed or undressed, make sure that your clothes do not catch on the sensor.



Dry yourself gently

After a shower or swim1, be careful not to catch your sensor when drying yourself.



Be careful

Be careful not to catch your sensor on everyday objects such as door frames, car doors, seat belts, shoulder straps, handbag straps, etc.

1. Sensor is water-resistant in up to 1 meter of water. Do not immerse longer than 30 minutes. 2. Yaron, M. Diabetes Care (2019): https://doi.org/10.2337/dc18-0166. 3. Leelarathna, L. N Engl J Med. (2022): DOI: 10.1056/NEJMoa2205650. 4. Haak, T. Diabetes Ther (2017): https://doi.org/10.1007/s13300-016-0223-6 5. Refer to your User Manual in the support section of the myFreeStyle.be website for instructions and additional information about the system.



Precautions for use⁵



Travel

If you plan to fly, download your medical certificate for the FreeStyle Libre system on myFreeStyle.be and have it completed by your doctor before you fly.



Do not touch

Try not to pull, touch, or play with the sensor while wearing it.



Minimize the risk of catching

If your sensor becomes loose as a result of sweating, use a skin adhesive.



Temperature

The FreeStyle Libre 2 reader should be used at a temperature between 10°C and 45°C. Refer to your User Manual for instructions and additional information on the system. If the sensor is too hot or too cold, you will be prompted to check your glucose a few minutes later.



Watch videos of testimonials from patients and their loved ones on myFreeStyle.be

View your reports

On your smartphone, in the main menu, or on your FreeStyle Libre 2 reader, from your home screen, in the "review history" section.

You have access to 7 mini-reports to:



DETECT

your glucose trends more quickly.



IDENTIFY

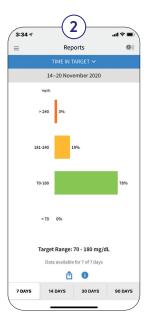
what to discuss with your healthcare professional.

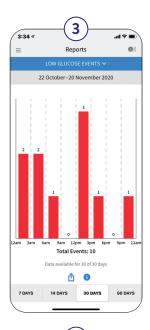


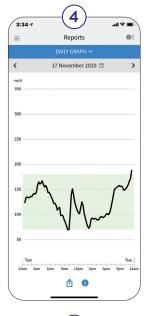
FOLLOW

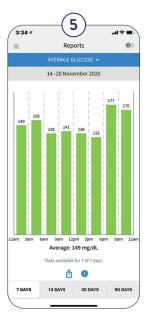
your progress immediately.

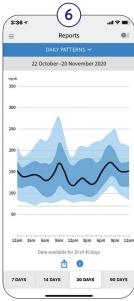










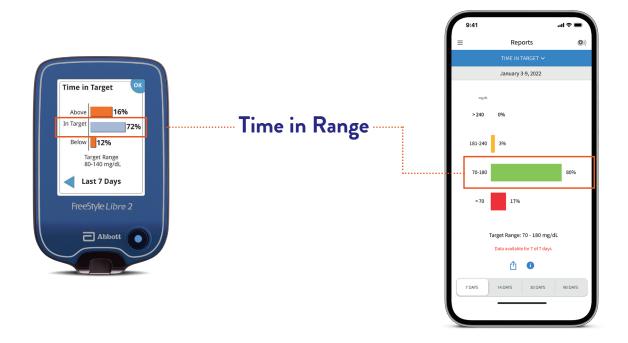






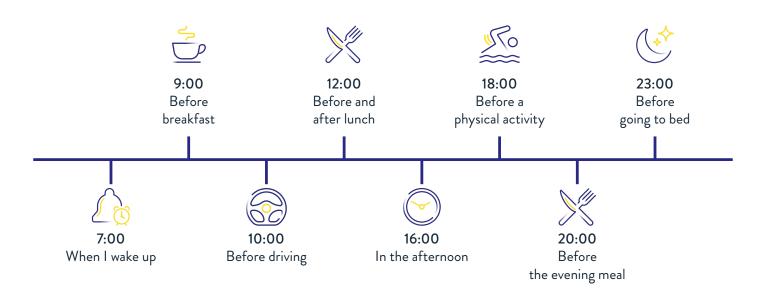
Logbook 2. Time in Ranges 3. Low Glucose Events 4. Daily Graph 5. Average Glucose
 Daily Patterns 7. Sensor Usage 8. GMI (Glucose Management Indicator)

Increase time spent in your target range



RECOMMENDATION: more than 70% of time spent in target range

A typical day with the FreeStyle Libre system¹ - I check my glucose level:





It is important to check your glucose levels regularly during the day, especially during periods of variations such as meals and activities, or if you experience symptoms of hypo- or hyperglycemia.



Scan yourself if you lose the Bluetooth® signal to restore the connection quickly.



Activate optional alarms



Alarm

An alarm is triggered when your **glucose level** is **too low** or **too high** compared to the set limit values or when the **signal** is **lost**.



Read or scan

With your FreeStyle LibreLink app, view your glucose level on your screen and open the alarm notification to clear it. If you are using the FreeStyle Libre 2 reader, scan your sensor to check your glucose level.



Act

Using the **information** received and the trend arrows, act as recommended by your healthcare professional.

When does the alarm sound?

When your glucose level is low

Depending on the limit you have set:

between 60 and 100 mg/dL.

When your glucose level is high

Depending on the limit you have set:

between 120 and 400 mg/dL.

When there is a loss of signal

If your smartphone is more than 6 meters away from your sensor for more than 20 minutes.







<u>.</u>

The alarms are disabled by default.



LO = < 40 mg/dL







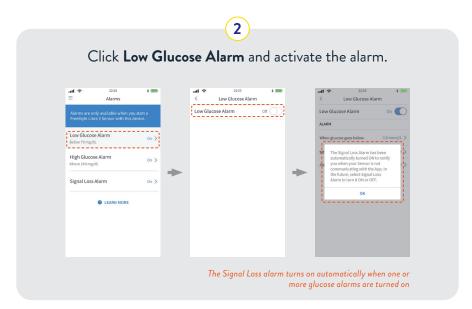
HI = > 500 mg/dL



Activate optional alarms

On your FreeStyle LibreLink app









4

On the Sounds



5

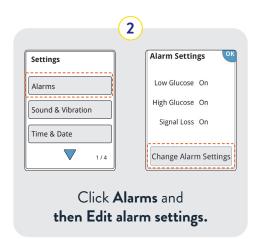


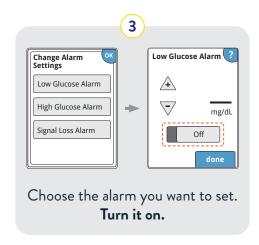
1. Refer to the FreeStyle LibreLink User Manual in the support section of the myFreeStyle.be website from Belgium for more information. 2. 70 mg/dL is the default low glucose setting but it can be set between 60 mg/dL and 100 mg/dL. 3. 240 mg/dL is the default high glucose setting but it can be set between 120 mg/dL and 400 mg/dL.

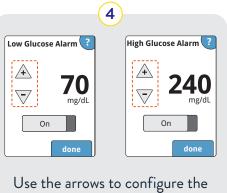


On your FreeStyle Libre 2 reader

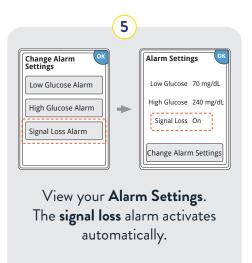


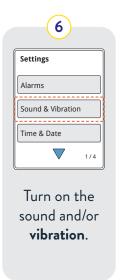






Use the arrows to configure the **glucose** thresholds below and above which the alarm will activate.





Transfer your insulin doses through a scan to the FreeStyle LibreLink app¹

to help improve your diabetes management.



Transfer your insulin doses from the Novo Pen® 6 or NovoPen Echo® Plus connected insulin pen to the FreeStyle LibreLink^{2,3} app with a simple scan.



Easily track and visualize the effect of insulin doses on your glucose levels.



Share your reports combining your glucose levels and administered insulin doses with your healthcare professional to help them make more personalized treatment decisions.



You can turn on the mirror notifications of your glucose alarms on your smartwatch and directly view your glucose level on it.^{1,2}



^{1.} To receive alarms from the FreeStyle LibreLink app on your smartwatch, the alarms must be enabled, your smartphone and smartwatch must be connected, and your devices configured to send notifications. 2. The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please visit the website myFreeStyle.be for more information on device compatibility before using the app. Use of FreeStyle LibreLink may require registration with LibreView. 3. NovoPen® 6 and NovoPan Echo® Plus are registered trademarks owned by Novo Nordisk

Replace the sensor after 14 days

Your FreeStyle LibreLink app and/or FreeStyle Libre 2 reader will let you know when it is time to remove and replace your sensor.



Pull the adhesive edge that attaches the sensor to your skin. Slowly detach it in one motion.



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



- You can use a cotton pad soaked with baby oil (such as sweet almond oil) around the sensor to help remove it. Adhesive residues remaining on the skin may be removed with warm soapy water or isopropyl alcohol (as a solvent or ether).
- Moisturize your skin after removing the sensor.



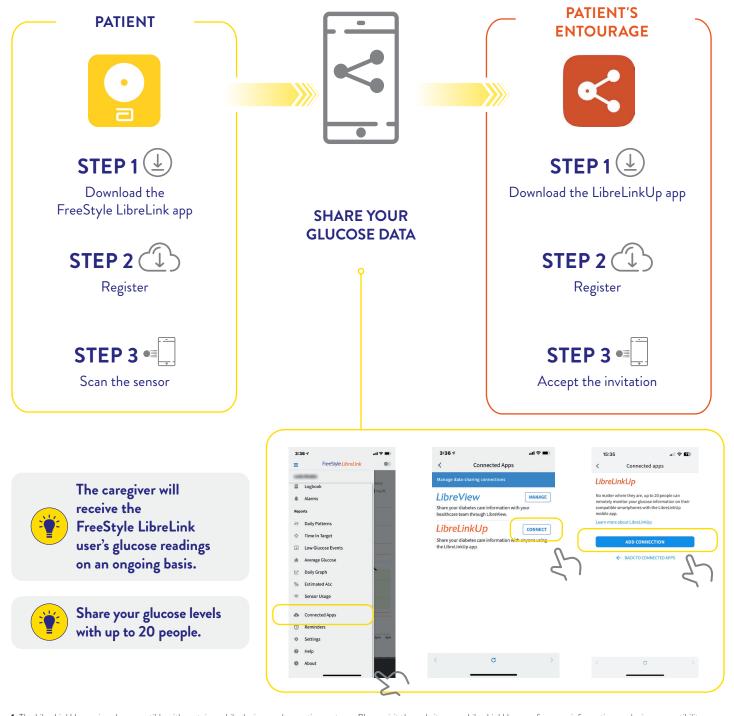
Find the demo videos to start, apply and remove the FreeStyle Libre sensor on myFreeStyle.be.

The LibreLinkUp¹ app



The LibreLinkUp app is a mobile app that enables parents and other caregivers to receive glucose readings and optional alarms² from a loved one using FreeStyle Libre systems.

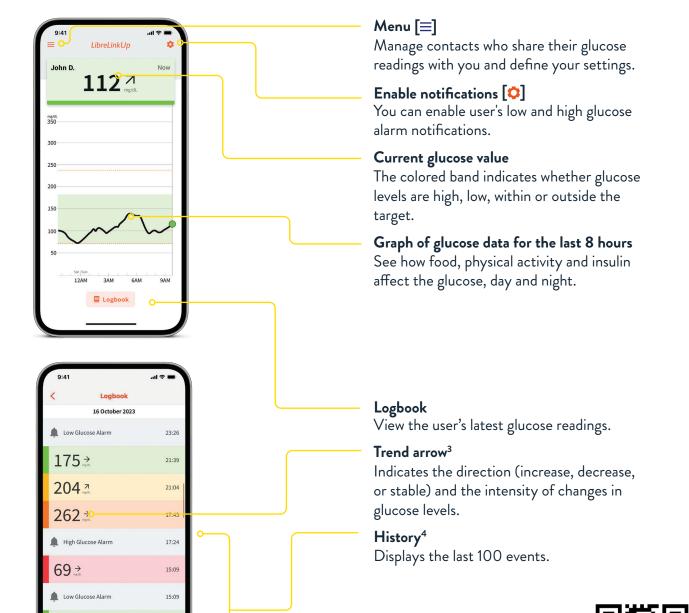
3 easy steps to see and share your optional glucose readings and alarms automatically with your close relations in an instant



1. The LibreLinkUp app is only compatible with certain mobile devices and operating systems. Please visit the website, www.LibreLinkUp.com, for more information on device compatibility before using the app. Use of LibreLinkUp may require registration with LibreView. The LibreLinkUp mobile app is not intended to be a primary glucose monitoring device: users should consult their primary device(s) and a healthcare professional before making any medical interpretation and treatment adjustments based on the information provided by the app.

2. LibreLinkUp users must enable alarms in their respective apps and be connected to the Internet for caregivers to receive the glucose alarms that the patient has shared with them.





Scan and download the LibreLinkUp app

on your smartphone.

119 →

205 →

09:27

^{3.} The glucose level trend arrow may not always appear with your result. 4. For a complete overview of glucose levels over the past 3 months, the sensor should be replaced every 14 days.

The LibreView¹ platform





Why and how can you share your data with your doctor

Sharing your data with your doctor will allow him/ her to see your glucose levels remotely and help you manage your diabetes. There are two possible scenarios if you want to share your data with your doctor.



Either on your FreeStyle LibreLink app, or via the www.LibreView.com website, we recommend that you create an account in order to share your glucose data with your healthcare professionals (via LibreView) and/or loved ones (via LibreLinkUp).

SCENARIO 1:

Your doctor will provide you with the identifier of his/her LibreView "virtual office".

STEP 1

Once your LibreView account has been created, go to "Menu" and then "Account Settings" (top right).

STEP 2

Click on the "My practices" tab and enter your doctor's practice ID.



If you are using the FreeStyle LibreLink app, you can invite your healthcare professional directly via your app, in the main menu, via the Connected Apps button. Follow the steps.

SCENARIO 2:

Your doctor will ask you to visit his/her LibreView "virtual office".

STEP 1

You will receive an invitation from your doctor via email.

STEP 2

Click on the link and create your LibreView account. Follow the different steps.



If you use the FreeStyle LibreLink app, you may already have created a LibreView account. Please enter the same email address and password used with your app.

^{1.} The LibreView website is only compatible with certain operating systems and browsers. Please check www.LibreView.com for additional information. The LibreView data management software is intended for use by both patients and healthcare professionals to assist people with diabetes and their healthcare professionals in the review, analysis, and evaluation of historical glucose meter data to support effective diabetes management. The LibreView software is not intended to provide treatment decisions or to be used as a substitute for professional healthcare advice.

View and download my reports

With my reader



- 1 plug my reader into a USB port on my computer.
- 2 I click on the icon
- I click on "Press to start downloading" and I follow the various steps.
- I click on "Glucose Reports" to view my reports.

With my app

- 1 log into LibreView with the same username and password used with my FreeStyle LibreLink app.
- 2 I click on the icon
- I click on "Glucose Reports" to view my reports.

Watch the video instructional via the QR code





If your glucose readings and alarms do not match symptoms or expectations.



Perform a Finger prick

The FreeStyle Libre 2 Reader also has an integrated blood glucose and ketone reader that works with FreeStyle Precision blood glucose and FreeStyle Precision ß-Ketone strips.



The drop of blood on the reader's screen indicates that this result was obtained from a capillary blood glucose test.



Finger prick are required if glucose readings and alarms do not match symptoms or expectations.



Blood glucose testing¹

You can use the built-in reader to check your blood glucose whether you are wearing a sensor or not.



Ketonemia testing¹

It is important to consider a ketone test when:

- you are sick.
- your glucose level is higher than 240 mg/dL.
- you and/or your healthcare professional decide that you should do so.



Before performing a capillary blood glucose or ketone test, wash your hands with soap and water and dry them thoroughly.

^{1.} Ensure you read the instructions for use of the strips before performing a blood glucose and/or ketone test.

Any questions, need assistance?

Discover our Podcasts on myFreeStyle.be



Discover our e-Learning on myFreeStyle.be



Call one of these technical support numbers²

available every working day from 08:30 to 17:00 in French or Dutch



Submit your **request for replacement** of a defective sensor **24/7 via our online form**. Scan the QR code:

Available in French or Dutch





To make the call as smoother as possible, please prepare the following info:

- Clear description of the request relating to the product
- User's first and last name
- User's mailing address
- User's email & Tel.
- Doctor's name
- Sensor wearing time
- Possible error code
- Serial No. & Batch No. of sensor
- · Serial No. of any reader, if any
- Precision electrodes batch No., if any







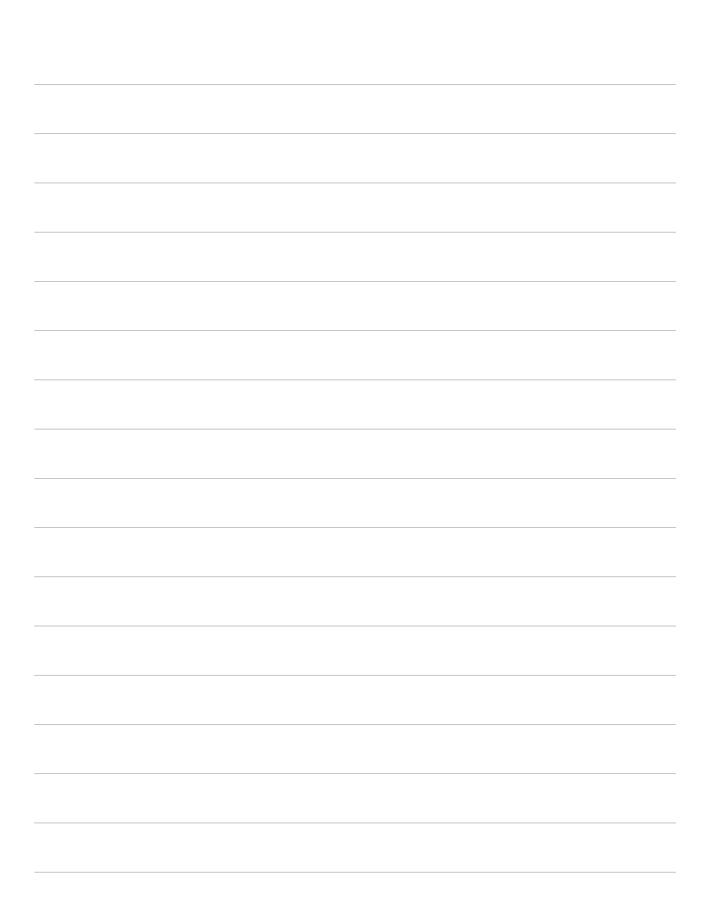




Contact Customer Service before removing your sensor. The sensor must be kept during the call in order to be able to send it in case of analysis.

Notes

Notes





Your diabetes is easily monitored.

You and your fingers¹ will wonder what you did without the FreeStyle Libre 2 system.



Small, discreet² and easy to wear² for up to 14 days.



See how your diet, activity and treatment affect your glucose levels.



Accurate² real-time glucose readings at a glance on your smartphone³.



It has been proven to help people with diabetes achieve their goals^{4,5}.







1. Finger pricks are required if glucose readings and alarms do not match symptoms or expectations. 2. Alva, S. Diabetes Therapy (2023). https://doi.org/10.1007/s1330002301385-6 3. The FreeStyle LibreLink app is only compatible with certain mobile devices and operating systems. Please visit www.myFreeStyle.be for more information on device compatibility before using the app. Use of FreeStyle LibreLink may require registration with LibreView. Refer to your User Manual in the support section of the myFreeStyle.be website for instructions and additional information about the system. 4. Bolinder, J. Lancet (2016): https://doi.org/10.1016/S0140-6736(16)31535-5. 5. Yaron, M. Diabetes Care (2019): https://doi.org/10.2337/dc18-0166.

The data and images in this document are simulated for illustrative purposes. They do not represent real data, patients, or healthcare professionals.

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