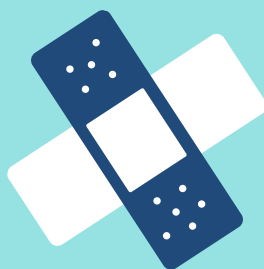


# HUMALOG (INSULIN LISPRO)



HUMALOG is an injectable rapid-acting insulin. It is used to treat people with diabetes for the control of high blood sugar.

by Sukaina Damji

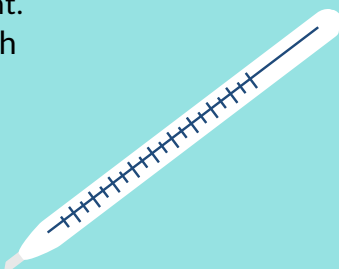


## 1 HOW SHOULD I USE

- Take HUMALOG within fifteen minutes before eating or right after eating a meal.
- Do not mix HUMALOG with any type of insulin other than NPH when used with injections by syringe as well as do not mix it with any other insulin or liquid when used in a pump.
- Inject HUMALOG under your skin (subcutaneously) in your upper arm, abdomen (stomach area), thigh (upper leg), or buttocks. Change (rotate) your injection site with each dose.

## 2 POSSIBLE SIDE EFFECT

- HYPOGLYCEMIA ( sweating,dizziness,blurred vision, slurred speech, anxiety, headache)
- Severe low blood sugar can cause unconsciousness, seizures, and death. Low blood sugar may affect your ability to drive a car or use mechanical equipment.
- May cause heart failure when consumed with certain diabetic medication called TZD-thiazolidinediones



## 3 STORAGE

Store all unopened (unused) HUMALOG in the original carton in a refrigerator at 36°F to 46°F (2°C to 8°C). DO NOT freeze

After opening :

Vials;

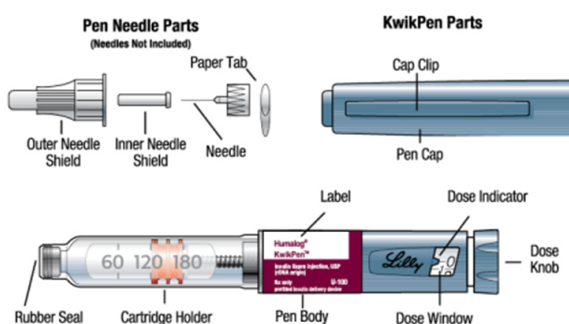
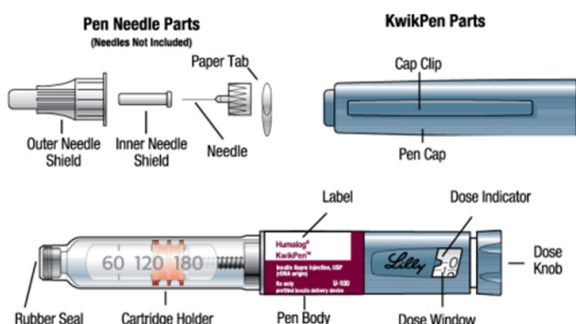
- Keep in the refrigerator or at room temperature below 86°F (30°C) for up to 28 days.
- Keep vials away from direct heat or light.
- Throw away an opened vial after 28 days of use, even if there is insulin left in the vial.
- Unopened vials can be used until the expiration date on the HUMALOG carton and label, if the medicine has been stored in a refrigerator.

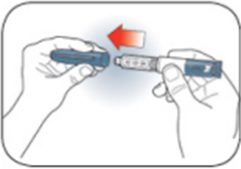

Cartridge and Prefilled Pens:

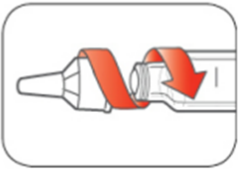
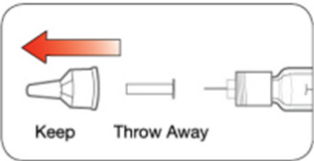
- Keep at room temperature below 86°F (30°C) for up to 28 days.
- Do not store a cartridge or prefilled pen that you are using in the refrigerator.
- Keep cartridges and prefilled pens away from direct heat or light.
- Throw away a used cartridge or prefilled pen after 28 days, even if there is insulin left in the cartridge or the pen.

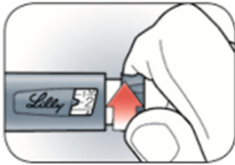



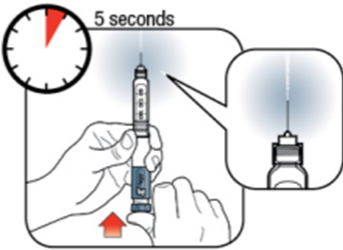
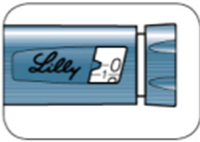
HUMALOG® KwikPen™ (“Pen”) is a disposable pen containing 3 mL (300 units) of U100 HUMALO [insulin lispro injection insulin. You can inject from 1 to 60 units in a single injection.

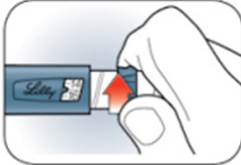
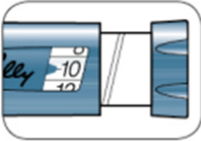
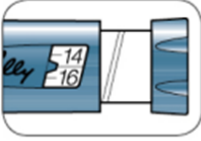


<p><b>Step 1:</b></p> <p>Pull the Pen Cap straight off.</p> <p>Wipe the Rubber Seal with an alcohol swab.</p> <ul style="list-style-type: none"> <li>• <b>Do not</b> twist the cap.</li> <li>• <b>Do not</b> remove the KwikPen Label.</li> </ul> <p>HUMALOG should look clear and colorless. <b>Do not</b> use HUMALOG if it is thick, cloudy, colored, has solid particles or clumps in it.</p>	
<p><b>Step 2:</b></p> <p>Pull off the Paper Tab from Outer Needle Shield.</p>	

<p><b>Step 3:</b></p> <p>Push the capped Needle straight onto the Pen and turn the Needle forward until it is tight.</p>	
<p><b>Step 4:</b></p> <p>Pull off the Outer Needle Shield. <b>Do not</b> throw it away.</p> <p>Pull off the Inner Needle Shield and throw it away.</p>	

<p><b>Step 5:</b></p> <p>Turn the Dose Knob to select 2 units.</p>	
<p><b>Step 6:</b></p> <p>Hold your Pen with the Needle pointing up. Tap the Cartridge Holder gently to collect air bubbles at the top.</p>	

<p><b>Step 7:</b></p> <p>Hold your Pen with Needle pointing up. Push the Dose Knob in until it stops, and "0" is seen in the Dose Window. Hold the Dose Knob in and <b>count to 5 slowly</b>.</p> <ul style="list-style-type: none"> <li>• A stream of insulin should be seen from the needle. <ul style="list-style-type: none"> <li>- If you <b>do not</b> see a stream of insulin, repeat steps 5 to 7, no more than 4 times.</li> <li>- If you <b>still do not</b> see a stream of insulin, change the needle and repeat steps 5 to 7.</li> </ul> </li> </ul>	 
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<p><b>Step 8:</b></p> <p>Turn the Dose Knob to select the number of units you need to inject. The Dose Indicator should line up with your dose.</p> <ul style="list-style-type: none"> <li>• The dose can be corrected by turning the Dose Knob in either direction until the correct dose lines up with the Dose Indicator.</li> <li>• The <b>even</b> numbers are printed on the dial. The <b>odd</b> numbers, after the number 1, are shown as full lines.</li> </ul>	  <p>(10 units shown)</p>  <p>(15 units shown)</p>
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