

## Insulin Storage and Dispensing Info

| Product Name/Type                                                                                                                                          | Expiration when opened, stored at room temp up to 86 F                  | Pens per Box Or Vial                                                         | Units per Pen/Vial                                                                          | Max Dose / Notes                                                                 |
|------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------|------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|
| <b>Rapid Acting Insulins</b>                                                                                                                               |                                                                         |                                                                              |                                                                                             |                                                                                  |
| Aspart (Fiasp)<br>-Vial<br>-Pen<br>-Pump                                                                                                                   | 28 Days<br>28 Days<br>6 Days                                            | 1 Vial<br>5 Pens per Box                                                     | 1000 units<br>300 units in 3 mL                                                             | 80 Units                                                                         |
| Aspart (Novolog)<br>-Vial<br>-Cartridge<br>-Flexpen<br>- Pump                                                                                              | 28 Days<br>28 Days<br>28 Days<br>6 Days                                 | 1 Vial<br>5 cartridges<br>5 Pens per Box                                     | 1000 units<br>300 units in 3 mL<br>300 units in 3 mL                                        | 60 Units                                                                         |
| Glulisine (Apidra)<br>-Vial<br>-SoloStar Pen<br>-Pump                                                                                                      | 28 Days<br>28 Days<br>2 Days                                            | 1 Vial<br>5 Pens per Box                                                     | 1000 units<br>300 units in 3 mL                                                             | 80 Units                                                                         |
| Lispro (Humalog/Admelog)<br>-Vial<br>-Cartridge<br>-Pen<br>-Pump                                                                                           | 28 Days<br>28 Days<br>28 days<br>Up to 7 Days                           | 1 Vial<br>5 cartridges<br>5 Pens per Box                                     | 1000 units<br>300 units in 3mL<br>300 units in 3mL                                          | 80 Units (Admelog)<br>60 Units (Humalog)                                         |
| Lispro -aabc (Lyumjev)<br>- Vial<br>-Cartridge<br>-KwikPen<br>-Junior KwikPen<br>0.5 unit increments<br>- Tempo Pen allows for data connectivity<br>- Pump | 28 Days<br>28 Days<br>28 days<br>28 Days<br>28 days<br>Not FDA approved | 1 Vial<br>5 cartridges<br>5 Pens per box<br>5 Pens per box<br>5 pens per box | 1000 units<br>300 units in 3mL<br>300 units in 3mL<br>300 units in 3mL<br>300 units in 3 mL | 60 units<br>30 units<br>60 units                                                 |
| <b>Short Acting Insulins</b>                                                                                                                               |                                                                         |                                                                              |                                                                                             |                                                                                  |
| Humulin Regular -Vial                                                                                                                                      | 28 Days                                                                 | 1 Vial                                                                       | 1000 or 300 Units                                                                           | Does not require a prescription (in most states). Walmart sells for \$25 a vial. |
| Novolin Regular -Vial<br>-Flex Pen                                                                                                                         | 42 Days<br>28 Days                                                      | 1 Vial<br>5 pens per Box                                                     | 1000 units<br>300 units in 3mL                                                              |                                                                                  |
| Afrezza - insulin human inhalation powder                                                                                                                  | 3 – 10 days<br>Inhaler 15 days                                          | 30 insulin cartridges / pack                                                 | 4, 8 & 12 unit cartridges                                                                   | Keep cartridge at room temp for 10 mins before use                               |
| <b>Intermediate-Acting Insulins</b>                                                                                                                        |                                                                         |                                                                              |                                                                                             |                                                                                  |
| NPH Humulin<br>-Vial<br>-Pen                                                                                                                               | 42 Days<br>14 Days                                                      | 1 Vial<br>5 Pens per Box                                                     | 1000 or 300 units<br>300 units in 3mL                                                       | To resuspend cloudy NPH, gently move vial or pen up and down.                    |
| NPH Novolin<br>-Vial<br>-FlexPen                                                                                                                           | 42 Days<br>28 Days                                                      | 1 Vial<br>5 Pens per Box                                                     | 1000 or 300 units<br>300 units in 3mL                                                       | Does not require a prescription (in most states). Walmart sells for \$25 a vial. |

Please contact us [www.DiabetesEd.net](http://www.DiabetesEd.net) with questions or updates.

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| Product Name/Type                                                                                             | Expiration when opened, stored at room temp up to 86 F | Pens per Box Or Vial | Units per Pen/Vial                       | Max Dose / Notes                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------|--------------------------------------------------------|----------------------|------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Long-Acting Insulins</b>                                                                                   |                                                        |                      |                                          |                                                                                                                                                                   |
| Glargine (Lantus)<br>Biosimilars: Basaglar<br>Semglee/Rezvoglar<br>- Pen Delivery<br>- Vials; Lantus, Semglee | 28 Days<br>28 Days                                     | 5 Pens<br>1 Vial     | 300 units in 3 mL<br>1000 Units          | 80 Units                                                                                                                                                          |
| Degludec (Tresiba)<br>- Pen                                                                                   | 56 Days                                                | 5 Pens               | 300 units in 3mL                         | 80 Units                                                                                                                                                          |
| <b>Concentrated Insulins</b>                                                                                  |                                                        |                      |                                          |                                                                                                                                                                   |
| Degludec (Tresiba)<br>U-200 Pen                                                                               | 56 Days                                                | 3 Pens               | 600 Units in 3 mL                        | 160 Units                                                                                                                                                         |
| Humulin R U-500<br>- Pen<br>- Vial                                                                            | 28 Days<br>40 Days                                     | 2 Pens<br>1 Vial     | 1,500 units in 3 mL<br>10,000 units      | 300 units<br>5 unit dosing increments                                                                                                                             |
| Lispro (Humalog) U-200<br>- Pen                                                                               | 28 Days                                                | 5 pens               | 600 units in 3 mL                        | 60 Units                                                                                                                                                          |
| Lispro (Lyumjev) U-200<br>- Pen                                                                               | 28 Days                                                | 2 pens               | 600 units in 3 mL                        | 60 units                                                                                                                                                          |
| Toujeo (Lantus) U-300<br>- Pen<br>- Max Solostar                                                              | 56 Days<br>56 Days                                     | 3 Pens<br>2 Pens     | 450 units in 1.5 mL<br>900 units in 3 mL | 80 Units<br>160 Units                                                                                                                                             |
| <b>Insulin Mixtures</b>                                                                                       |                                                        |                      |                                          |                                                                                                                                                                   |
| 70/30 (NPH/Regular)<br>Humulin 70/30<br>-Vial<br>-Pen                                                         | 31 Days<br>31 Days                                     | 1 Vial<br>5 Pens     | 1000 or 300 units<br>300 units in 3 mL   | To resuspend cloudy NPH, gently move vial or pen up and down. Does not require a prescription (in most states). Walmart sells for \$25 a vial or \$84 for 5 pens. |
| Novolin 70/30<br>-Vial<br>-Pen                                                                                | 42 Days<br>28 Days                                     | 1 Vial<br>5 Pens     | 1000 units<br>300 units in 3 mL          |                                                                                                                                                                   |
| Humalog Mix 70/30<br>-Vial<br>-Pen                                                                            | 28 Days<br>28 Days                                     | 1 Vial<br>5 Pens     | 1000 units<br>300 units in 3mL           | 60 units                                                                                                                                                          |
| Novolog Mix 70/30<br>-Vial<br>-Pen                                                                            | 28 Days<br>14 days                                     | 1 vial<br>5 pens     | 1000 units<br>300 units in 3 mL          | 60 units                                                                                                                                                          |
| Humalog Mix 75/25<br>-Vial<br>-Pen                                                                            | 28 Days<br>10 Days                                     | 1 Vial<br>5 Pens     | 1000 units<br>300 units in 3mL           | 60 units                                                                                                                                                          |