2020 List of Insulin Products

Insulin Dosage Form	Brand (generic)	Manufacturer	Onset (hours)	Peak (hours)	Duration (hours)	Estimated Cost per vial, pen, or inhaler (dollars)[1]
Rapid-Acting Insulins						
Insulin Vials	Apidra (glulisine)	Sanofi - aventis	0.2 – 0.5	1.6 – 2.8	3 – 4	375
	Admelog (lispro)	Sanofi - aventis	0.25 – 0.5	0.5 – 2	3 – 5	250
	Fiasp (aspart)	Novo Nordisk	0.2 – 0.3	1.5 – 2	5 – 7	275
	Humalog (lispro)	Eli Lilly	0.25 – 0.5	0.5 – 2	3 – 5	310
	Novolog (aspart)	Novo Nordisk	0.2 – 0.3	1 – 3	3 – 5	350
	Lyumjev (lispro-aabc)	Eli Lilly	0.2 – 0.3	2 – 3	4.5 – 7.5	310
Insulin Pens	Apidra Solostar (glulisine)	Sanofi - aventis	0.2 – 0.5	1.6 – 2.8	3 – 4	115
	Admelog Solostar (lispro)	Sanofi - aventis	0.25 – 0.5	0.5 – 2	3 – 5	85
	Fiasp FlexTouch (aspart)	Novo Nordisk	0.2 – 0.3	1.5 – 2	5 – 7	135
	Humalog U-100 KwikPen (lispro)	Eli Lilly	0.25 – 0.5	0.5 – 2	3 – 5	105
	Humalog U-100 Junior KwikPen (lispro)	Eli Lilly	0.25 – 0.5	0.5 – 2	3 – 5	115
	Humalog U-200 KwikPen (lispro)	Eli Lilly	0.25 – 0.5	0.5 – 2	3 – 5	235
	NovoPen Echo (aspart)	Novo Nordisk	0.2 – 0.3	1 – 3	3 – 5	85

Copyright © 2020 HIPER LLC

2020 List of Insulin Products

	Novolog FlexPen (aspart)	Novo Nordisk	0.2 – 0.3	1 – 3	3 – 5	70
	Lyumjev U-100 KwikPen (lispro-aabc)	Eli Lilly	0.2 – 0.3	2 – 3	4.5 – 7.5	115
	Lyumjev U-200 KwikPen (lispro-aabc)	Eli Lilly	0.2 – 0.3	2 – 3	4.5 – 7.5	235
Insulin Inhaler	Afrezza (regular)	Mannkind	0.15 – 0.5	0.5 – 1	1.5 – 2.5	425
Short-Acting Insulins						
Insulin Vials	Humulin R U-100 (regular)	Eli Lilly	0.25 – 0.5	2 – 4	4 – 12	180
	Humulin R U-500	Eli Lilly	0.25 – 0.5	4 – 8	13 – 24	1560
	Novolin R (regular)	Novo Nordisk	0.5 – 1	2 – 4	4 – 12	150
Insulin Pens	Humulin R U-500 KwikPen (regular)	Eli Lilly	0.25 – 0.5	4 – 8	13 – 24	600
	Novolin R FlexPen (regular)	Novo Nordisk	0.5 – 1	2 – 4	4 – 12	150
Intermediate-Acting Insulins (NPH)						
Insulin Vials	Humulin N	Eli Lilly	1 – 2	6 – 12	14 – 24	180
	Novolin N	Novo Nordisk	1 – 2	4 – 12	14 – 24	70
Insulin Pens	Humulin N KwikPen (NPH)	Eli Lilly	1 – 2	6 – 12	14 – 24	120
	Novolin N FlexPen (NPH)	Novo Nordisk	1 – 2	4 – 12	14 – 24	120
Long-Acting Insulin						
Insulins Vials	Lantus (glargine)	Sanofi - aventis	1 – 2	None	>24	300
	Levemir (detemir)	Novo Nordisk	1 – 2	3 – 9	10 – 24	330
	Tresiba (degludec)	Novo Nordisk	1 – 1.5	9	>24	340

Copyright © 2020 HIPER LLC

2020 List of Insulin Products

Insulin Pens	Lantus Solostar (glargine)	Sanofi - aventis	1 – 2	None	>24	90
	Toujeo Solostar (glargine)	Sanofi - aventis	5 – 6	None	>24	155
	Toujeo Max Solostar (glargine)	Sanofi - aventis	5 – 6	None	>24	310
	Basaglar KwikPen (glargine)	Eli Lilly	1 – 2	None	>24	80
	Tresiba U-100 FlexTouch (degludec)	Novo Nordisk	1 – 1.5	9	>24	120
	Tresiba U-200 FlexTouch (degludec)	Novo Nordisk	1 – 1.5	9	>24	200
	Levemir FlexTouch (detemir)	Novo Nordisk	1 – 2	3 – 9	12 – 24	110
Pre-Mixed Insulins						
Insulins Vials	Humalog 50/50	Eli Lilly	0.25 – 0.5	1 – 4	12 – 24	750
	Humalog 75/25	Eli Lilly	0.25 – 0.5	1 – 4	12 – 24	360
	Novolog 70/30	Novo Nordisk	0.25 – 0.5	1 – 4	12 – 24	180
	Humulin 70/30	Eli Lilly	0.5 – 1	3 – 12	12 – 24	180
	Novolin 70/30	Novo Nordisk	0.5 – 1	3 – 12	10 – 20	150
Insulin Pens	Humalog 50/50 KwikPen	Eli Lilly	0.25 – 0.5	1 – 4	12 – 24	110
	Humalog 75/25 KwikPen	Eli Lilly	0.25 – 0.5	1 – 4	12 – 24	110
	Novolog 70/30 FlexPen	Novo Nordisk	0.25 – 0.5	1 – 4	12 – 24	120
	Humulin 70/30 Kwikpen	Eli Lilly	0.5 – 1	3 – 12	12 – 24	100

Copyright © 2020 HIPER LLC

2020 List of Insulin Products

	Novolin 70/30 FlexPen	Novo Nordisk	0.5 – 1	3 – 12	10 – 20	120
	Ryzodeg 70/30 FlexTouch	Novo Nordisk	0.25 – 0.5	0.5 – 2	>24	Unknown
Combination Product Long-Acting Inulin and Incretin Mimetics						
Combo Pens	Soliqua (glargine + lixisenatide)	Sanofi - aventis	1 – 3	None	>24	175
	Xultophy (degludec + liraglutide)	Novo Nordisk	1 – 3	None	>24	260

1. Price reflected as the average cash price among pharmacies

References:

1. Trevor, Anthony, and Bertram Katzung. *Basic and Clinical Pharmacology 13 E*. New York-United States, United States, McGraw-Hill Education, 2014.
2. "Insulin Facts and Safety Tips." *U.S. Food and Drug Administration*. Accessed 4 July 2020, www.fda.gov/consumers/free-publications-women/insulin#Insulin_Devices.
3. Lexicomp Online, Pediatric and Neonatal Lexi-Drugs Online, Hudson, Ohio: Wolters Kluwer Clinical Drug Information, Inc. 2013. Accessed 4 July 2020.
4. "Insulin Chart." *Straight Health*, www.straighthealthcare.com/insulin-chart.html. Accessed 4 July 2020.
5. "Estimate." *GoodRx*. https://www.goodrx.com/. Accessed 4 July 2020.
6. Lyumjev® [package insert]. Indianapolis, IN: Eli Lilly and Company; 2020.

Last updated: July 11, 2020

Copyright © 2020 HIPER LLC