

	Brand	Generic	Prior-Use Storage	In-Use Storage	When to Inject	Duration	Pen Priming Requirements	
Rapid Acting	Apidra U-100 Vial	I. glulisine	Refrig until expiration date or RT for up to 28 days	Refrig or RT for up to 28 days	Within 15 mins AC or within 20 min after starting a meal	3 to 4 hours	-	
	Apidra U-100 SoloStar			RT for up to 28 days. Do not refrigerate pens or refill cartridges.			2 units	
	Novolog U-100 Vial	I. aspart		Refrig or RT for up to 28 days	Within 5-10 mins AC	3 to 5 hours	-	
	Novolog U-100 FlexPen			RT for up to 28 days. Do not refrigerate.			2 units	
	Fiasp U-100 Vial	I. aspart		Refrig or RT for up to 28 days	At the start of a meal or within 20 mins after starting a meal	~5 to 7 hours	-	
	Fiasp U-100 FlexTouch			Refrig or RT for up to 28 days. Do not refrigerate refill cartridges.			2 units	
	Admelog U-100 Vial	I. lispro		Refrig or RT for up to 28 days	Within 15 mins AC or immediately PC	~6.9 hours	-	
	Admelog U-100 SoloStar			RT for up to 28 days. Do not refrigerate			2 units	
	Humalog U-100 Vial	I. lispro		Refrig or RT for up to 28 days	Within 15 mins AC or immediately PC	5.7 to 6.7 hours	-	
	Humalog U-100 KwikPen			RT for up to 28 days. Do not refrigerate pens or refill cartridges.			2 units	
	Humalog U-200 KwikPen	I. lispro						
	Lyumjev U-100 Vial	I. lispro-aabc			Refrig or RT for up to 28 days.	At start of meal or within 20 mins after starting meal	4.6 to 7.3 hours	-

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RT room temperature (68°F to 77°F (20°C to 25°C)); Refrig: refrigeration (36°F - 46°F (2°C to 8°C))
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Rapid Acting	Lyumjev U-100 KwikPen	I. lispro-aabc	Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate pens or refill cartridges.	At start of meal or within 20 mins after starting meal	4.6 to 7.3 hours	2 units
	Lyumjev U-200 KwikPen						
Short Acting	Novolin-R U-100 Vial	I. regular	Refrig until expiration date or RT for up to 42 days	RT for up to 42 days. Do not refrigerate.	30 min AC	4 to 12 hours	-
	Novolin-R U-100 FlexPen		Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate.			2 units
	Humulin-R U-100 Vial		Refrig until expiration date or RT for up to 31 days	RT or Refrig for up to 31 days			-
Intermediate Acting	Novolin-N U-100 Vial	I. NPH	Refrig until expiration date or RT for up to 42 days	RT for up to 42 days. Do not refrigerate.	Per written order	14 to 24 hours	-
	Novolin-N U-100 FlexPen		Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate.			2 units
	Humulin-N U-100 Vial		Refrig until expiration date or RT for up to 31 days	Refrig or RT for up to 31 days			-
	Humulin-N U-100 KwikPen		Refrig until expiration date or RT for up to 14 days	RT for up to 14 days			2 units
Long Acting	Lantus U-100 Vial	I. glargine	Refrig until expiration date or RT for up to 28 days	Refrig or RT for up to 28 days	Once daily at the same time each day	10.8 to >24 hours	-
	Lantus U-100 SoloStar			RT for up to 28 days. Do not refrigerate.			2 units
	Toujeo U-300 SoloStar/ Max SoloStar		Refrig until expiration date	RT for up to 56 days. Do not refrigerate.			>24 hours

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Long Acting	Basaglar KwikPen	I. glargine	Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate.	Once daily at the same time each day	>24 hours	2 units
	Semglee U-100 Vial			Refrig or RT for 28 days		>24 hours	-
	Semglee U-100 Pen			RT for up to 28 days. Do not refrigerate.		>24 hours	2 units
	Levemir U-100 Vial	I. detemir	Refrig until expiration date or RT for up to 42 days	Refrig or RT for up to 42 days	Once or twice daily; Administer once daily doses with the evening meal or at bedtime. For twice daily dosing, administer the evening dose with the evening meal, at bedtime, or 12 hours after the morning dose.	6 to 23 hours (dose dependent)	-
	Levemir U-100 FlexTouch			RT for up to 42 days. Do not refrigerate.			2 units
	Tresiba U-100 Vial	I. degludec	Refrig until expiration date or RT for up to 56 days	Refrig or RT for up to 56 days	Once daily (any time of day in adults; same time every day in pediatrics)	42 hours	-
	Tresiba U-100 FlexTouch						2 units
Tresiba U-200 FlexTouch	2 units						
70/30 Rapid acting mix	Novolog Mix 70/30 Vial	I. aspart protamine/ I. aspart	Refrig until expiration date or RT for up to 28 days	Refrig or RT for up to 28 days	Within 15 mins AC (type 1) Within 15 mins AC/PC (type 2)	18 to 24 hours	-
	Novolog Mix 70/30 FlexPen		Refrig until expiration date or RT for up to 14 days	RT for up to 14 days. Do not refrigerate.			2 units
70/30 Short acting mix	Novolin 70/30 Vial	I. NPH/ I. regular	Refrig until expiration date or RT for up to 42 days	RT for up to 42 days. Do not refrigerate.	Approximately 30 minutes AC (usually two divided doses)	18 to 24 hours	-
	Novolin 70/30 FlexPen		Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate.			2 units

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70/30 Short acting mix	Humulin 70/30 Vial	I. NPH/ I. regular	Refrig until expiration date or RT for up to 31 days	Refrig or RT for up to 31 days	30 to 45 minutes AC (usually two divided doses)	18 to 24 hours	-
	Humulin 70/30 KwikPen		Refrig until expiration date or RT for up to 10 days	RT for up to 10 days. Do not refrigerate.			2 units
75/25 Rapid acting mix	Humalog Mix 75/25 Vial	I. lispro protamine/ I. lispro	Refrig until expiration date or RT for up to 28 days	Refrig or RT for up to 28 days	Within 15 mins AC (typically two divided doses)	14 to 24 hours	-
	Humalog Mix 75/25 KwikPen		Refrig until expiration date or RT for up to 10 days	RT for up to 10 days. Do not refrigerate.			2 units
50/50 Rapid acting mix	Humalog Mix 50/50 Vial	I. lispro protamine / I. lispro	Refrig until expiration date or RT for up to 28 days	Refrig or RT for up to 28 days			-
	Humalog Mix 50/50 KwikPen		Refrig until expiration date or RT for up to 10 days	RT for up to 10 days. Do not refrigerate.	2 units		
U-500 Strength	Humulin-R Vial	I. regular	Refrig until expiration date or RT for up to 40 days	Refrig or RT for up to 40 days	30 min AC	13 to 24 hours	-
	Humulin-R KwikPen		Refrig until expiration date or RT for up to 28 days	RT for up to 28 days. Do not refrigerate.			5 units
GLP-1/ Long-Acting Insulin Combo	Soliqua	I. glargine/ lixisenatide	Refrig until expiration date	RT for up to 28 days	Once daily within hour prior to first meal of the day	-	2 units
	Xultophy	I. degludec/ liraglutide		RT or Refrig for up to 21 days	Once daily (same time each day with or without food)	-	Follow manufacturer instructions

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