Stability of Common Insulins in Pens and Vials^{1,2}

Insulin Vials	Stability Unopened and Stored in the Refrigerator	Opened at Room or Refrigerator Temperature (days) ¹	Unopened at Room Temperature (days) ¹	Image			
Rapid-acting Insulin							
Novolog (Aspart)	The expiration date on the label	28	28	Paraday 			
Humalog (Lispro)	The expiration date on the label	28	28	To late An exemple of the Amandog was larger per or the Amandog was larger per or the amandog and the per of the amandog and			
Apidra (glulisine)	The expiration date on the label	28	28	S. S			
Short-acting Insulin							
Humulin R (Regular)	The expiration date on the label	28	28	The state of the s			
Novolin R (Regular)	The expiration date on the label	42	42	- una			
Intermediate-acting Insulin (NPH)							
Humulin N	The expiration date on the label	28	28	Support of the state of the sta			
Novolin N	The expiration date on the label	42	42	Vaccina (Management of the Control o			
Pre-mixed insulin							
Humulin 70/30	The expiration date on the label	28	28				
Novolin 70/30	The expiration date on the label	42	42	170/30 170/30			
Humalog 75/25	The expiration date on the label	28	28	75.00 Market 1 Market			
Humalog 50/50	The expiration date on the label	28	28				
Novolog 70/30	The expiration date on the label	28	28	Wording of the Control of the Contro			
Long-acting Insulin							
Lantus (glargine)	The expiration date on the label	28	28	To the second se			
Levemir (detemir)	The expiration date on the label	42	42				

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Stability of Common Insulins in Pens and Vials^{1,2}

Insulin Pens	Stability Unopened and Stored	Opened at Room	Unopened at	Image			
	in the Refrigerator	or Refrigerator	Room				
		Temperature	Temperature				
		(days) ¹	(days) ¹				
Rapid- acting Insulins							
Humalog KwikPen	The expiration date on the label	28	28				
(Lispro)		20	20				
Novolog FlexPen (aspart)	The expiration date on the label	28	28	Control Contro			
Apidara Solostar (glulisine)	The expiration date on the label	28	28	Friedly, collection.			
Intermediate-acting Insulin (NPH)							
Humulin N pen	The expiration date on the label	14	14	Manufact III ran			
Novolin N pen	The expiration date on the label	14	14				
Long-acting Insulin							
Lantus SoloStar	The expiration date on the label	28	28	Family Street, Str.			
Levmir FlexPen	The expiration date on the label	42	42	Linear Body			
Navala - Miv 70/20	The evaluation data and the label	1.4	1.4				
Novolog Mix 70/30 Flexpen	The expiration date on the label	14	14	Martin de de la companya de la compa			
Pre-mixed Insulin							
Humalog Mix KwikPen 50/50	The expiration date on the label	10	10				
Humalog Mix 75/25 KwikPen	The expiration date on the label	10	10				
Humulin 70/30 Pen	The expiration date on the label	10	10	Handr's Aug			
Miscellaneous Non-Insulin Agents							
Incretin Mimetic							
Byetta (exenatide)	The expiration date on the label	30	30	Dyetta 20 5			
	· ·			Down #1			
Victoza (liraglutide)	The expiration date on the label	30	30				
Amylin analogs							
Symlin (pramlintide)	The expiration date on the label	30	30				
				Symtier			
Symlin pen	The expiration date on the label	30	30) Sprachast 120 000			
(pramlintide)				○ (c)			

1. Room temperature considered 15-30 $^{\circ}$ C (59-86 $^{\circ}$ F)

Chart adapted from Dipro and Pharmacist letter

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