

Insulins Available in the United States

Generic Name (U-100, except where noted)	Brand Name	Manufacturer	Form	Delivery	Cloudy or Clear	Onset	Peak	Duration
Rapid Acting								
insulin aspart	NovoLog	Novo Nordisk	analog	syringe; prefilled, 300-unit disposable pen; reusable pen with 300-unit cartridges; pump	clear	10 to 20 min.	30 to 90 min.	3 to 5 hours
insulin human	Afrezza	Sanofi	human	inhaler with 4- and 8-unit cartridges	N/A (inhaled powder)	10 to 20 min.	12 to 15 min.	3 hours
insulin glulisine	Apidra	Sanofi	analog	syringe; prefilled, 300-unit disposable pen; pump	clear	10 to 20 min.	30 to 90 min.	3 to 5 hours
insulin lispro	Humalog*	Eli Lilly	analog	syringe, prefilled disposable pen, reusable pen with cartridges, pump	clear	10 to 20 min.	30 to 90 min.	3 to 5 hours
Regular								
Regular	Humulin R [†]	Eli Lilly	human	syringe	clear	30 to 60 min.	2 to 4 hours	5 to 8 hours
Regular	Novolin R	Novo Nordisk	human	syringe	clear	30 to 60 min.	2 to 4 hours	5 to 8 hours
Intermediate Acting								
NPH	Humulin N	Eli Lilly	human	syringe; prefilled, 300-unit disposable pen	cloudy	1 to 3 hours	8 hours	12 to 16 hours
NPH	Novolin N, ReliOn (Walmart)	Novo Nordisk	human	syringe	cloudy	1 to 3 hours	8 hours	12 to 16 hours
Long Acting								
insulin detemir	Levemir	Novo Nordisk	analog	syringe; prefilled, 300-unit disposable pen	clear	1 hour	No peak	20 to 26 hours
insulin glargine	Lantus	Sanofi	analog	syringe; prefilled, 300-unit disposable pen	clear	1 hour	No peak	24 hours
Ultra Long Acting								
insulin glargine U-300	Toujeo	Sanofi	analog	prefilled, 450-unit disposable pen	clear	6 hours	No peak	36 hours
Mixtures								
50% lispro protamine/50% insulin lispro	Humalog Mix 50/50	Eli Lilly	analog	syringe; prefilled, 300-unit disposable pen	cloudy	10 to 15 min.	Varies	10 to 16 hours
75% lispro protamine (NPL)/25% insulin lispro	Humalog Mix 75/25	Eli Lilly	analog	syringe; prefilled, 300-unit disposable pen	cloudy	10 to 15 min.	Varies	10 to 16 hours
70% aspart protamine/30% insulin aspart	NovoLog Mix 70/30 [‡]	Novo Nordisk	analog	syringe; prefilled, 300-unit disposable pen	cloudy	5 to 15 min.	Varies	10 to 16 hours
70% NPH/30% Regular	Humulin 70/30	Eli Lilly	human	syringe; prefilled, 300-unit disposable pen	cloudy	30 to 60 min.	Varies	10 to 16 hours
70% NPH/30% Regular	Novolin 70/30 [‡] , ReliOn (Walmart)	Novo Nordisk	human	syringe	cloudy	30 to 60 min.	Varies	10 to 16 hours
Less Commonly Used Insulins								
regular U-500	Humulin R U-500 [▲]	Eli Lilly	human	syringe	clear	30 min.	8 hours	Up to 24 hours
insulin lispro U-200	Humalog U-200 [▲]	Eli Lilly	analog	prefilled, 600-unit disposable pen	clear	15	30 to 90 min.	3 to 5 hours
Key								
* Note difference between Humalog and Humalog U-200. † Note difference between Humulin R and Humulin R U-500. ‡ Note difference between Novolin 70/30 (70% NPH/30% Regular) and NovoLog Mix 70/30 (70% aspart protamine/30% aspart). ▲ U-100, U-200, U-300, and U-500 are different concentrations of insulin. Higher concentrations are typically used in very insulin-resistant people.								