

Insulin Pharmacokinetics

Type of Insulin	Onset	Peak	Duration	Appearance
Quick-acting				
Regular	½-1 hr.	2-4 hr.	6-8 hr.	clear
Lispro/ Aspart/ Glulisine	<15 min.	1-2 hr.	3-5 hr.	clear
Intermediate-acting				
NPH	1-2 hr.	6-10 hr.	12+ hr.	cloudy
Long-acting				
Detemir	1 hr.	flat	12-24 hr.	clear
Glargine	1.5 hr.	flat	24 hr.	clear

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