

## Insulin modes of action

		INSULIN*		MODE OF ACTION			
		Trade name	Generic name	Onset	Peak	Duration of action	
FAST-ACTING INSULIN	Rapid-acting insulin (analog)	Fiasp®	Rapid aspart	4 min.	1–2 hrs	3–4 hrs	
		Trurapi® (biosimilar**)	Aspart	10–20 min.	1–3 hrs	3–5 hrs	
		Novorapid®		10–15 min.	1–1½ hrs	3–5 hrs	
		Apidra®	Glulisine	10–15 min.	1–1½ hrs	3–5 hrs	
		Admelog® (biosimilar**)	Lispro	10–15 min.	1–2 hrs	3–4¾ hrs	
		Humalog® U100 U200	Lispro U100 U200	10–15 min.	1–2 hrs	3–4¾ hrs	
	Short-acting insulin	Humulin® R	Regular insulin	30 min.	2–4 hrs	6–8 hrs	
		Novolin® ge Toronto		30 min.	2–4 hrs	6–8 hrs	
	LONG-ACTING INSULIN	Intermediate-acting insulin	Humulin® N	NPH	1–2 hrs	6–12 hrs	18–24 hrs
			Novolin® ge NPH		1–2 hrs	6–12 hrs	18–24 hrs
Long-acting insulin (analog)		Levemir®	Detemir	1–2 hrs	6–12 hrs	Up to 24 hrs	
		Basaglar™ (Biosimilar**)	Glargine U100	1–1½ hrs		24 hrs	
		Lantus®		1–1½ hrs		24 hrs	
		Toujeo®	Glargine U300	Up to 6 hrs		30 hrs	
		Tresiba® U100 U200	Degludec U100 U200	1 hr		42 hrs	

\*If your insulin does not appear in this table, ask your healthcare team for more information.

\*\*Since 2019, RAMQ is progressively stopping reimbursement of original insulins, replacing them by biosimilar insulins.