

# INSULIN PRODUCTS AVAILABLE IN CANADA (as of June 2022\*)

\*Note: While every effort has been made to ensure this chart is current, please refer to RxTx (e-CPS) for most current info. Available formats of insulin in Canada are constantly changing.

Class	Brand (Type/Generic)	Onset	Maximum Effect	Duration	Administration	Comments	Available Formats in Canada
Rapid-acting insulin	<b>Humalog, Admelog (Lispro)</b>	10 -15 mins	1 - 2 hours	3.5 - 4.75 hours	Given within 15 mins before a meal or immediately after a meal.	CLEAR solution This may be used in a continuous subcutaneous insulin infusion pump	Humalog: Vial (3 & 10 mL); Pen Cartridge (3 mL); KwikPen and KwikPen Jr 100 units/mL (3 mL); KwikPen 200 units/mL (3 mL). Admelog: Vial (10 mL); Pen Cartridge (3 mL); SoloSTAR (3 mL)
	<b>Fiasp (Aspart)</b>	5-10 mins	50 mins-1.3 hours	Shorter than Novorapid	Given up to 2 mins before the start of a meal or within 20 mins after starting a meal.	CLEAR solution	Vial: (10 mL); Pen Cartridge (3 mL); FlexTouch (3 mL)
	<b>Novorapid, Trurapi (Aspart)</b>	10 -15 mins	1 - 1.5 hours	3 - 5 hours	Given within 5-10 mins before a meal or immediately after a meal.	CLEAR solution This may be used in a continuous subcutaneous insulin infusion pump	Novorapid: Vial (10 mL); Pen Cartridge (3 mL); FlexTouch (3 mL) Trurapi: Pen Cartridge (3 mL); SoloSTAR (3 mL)
	<b>Apidra (Glulisine)</b>	10 -15 mins	1 -1.5 hours	3 - 5 hours	Given within 15 mins before a meal or within 20 mins after a meal.	CLEAR solution This may be used in a continuous subcutaneous insulin infusion pump	Vial (10 mL); Pen Cartridge (3 mL); SoloSTAR (3 mL)
Short-acting insulin	<b>Humulin R (Regular)</b>	30 mins	2 - 3 hours	6.5 hours	When given subcutaneously, given 30-45 mins before meal. Regular insulin is the only insulin that can be administered intravenously.	CLEAR solution	Vial (3 & 10 mL); Pen Cartridge (3 mL); KwikPen (3 mL)
	<b>Novolin ge Toronto (Regular)</b>						Vial (10 mL); Pen Cartridge (3 mL)
Intermediate-acting insulin	<b>Humulin N</b>	1 -3 hours	5 - 8 hours	Up to 18 hours	Given once or twice daily.	Resuspend prior to administration by rolling vial between hands. CLOUDY suspension	Vial (3 mL & 10 mL); Pen Cartridge (3 mL); KwikPen (3 mL)
	<b>Novolin ge NPH</b>						Vial (10 mL); Pen Cartridge (3 mL)
Long-acting OR Basal insulin	<b>Lantus, Basaglar (Glargine 100 units/ mL)</b>	2-4 hours	No peak	Up to 24 hours	Given once daily.	CLEAR solution	Basaglar: Pen Cartridge (3 mL); KwikPen (3 mL) Lantus: Vial (10 mL); Pen Cartridge (3 mL); SoloSTAR (3 mL)
	<b>Toujeo (Glargine 300 units/ mL)</b>	1-6 hours	No peak	24-36h	Given once daily.		Toujeo: SoloSTAR ( <b>300 units/ mL</b> ) (1.5 mL); DoubleSTAR ( <b>300 units/ mL</b> ) (3 mL)
	<b>Levemir (Detemir)</b>	1-2 hours	6-8 hours	16-24 hours	Usually given once daily, but may be given twice daily in some cases.		Levemir: Pen Cartridge (3 mL); FlexTouch (3 mL)
	<b>Tresiba (Degludec)</b>	90 min (1-9 hours)	No peak	Up to 42 hours	Given once daily.		Tresiba: FlexTouch ( <b>100 units/mL and 200 units/mL</b> ) (3 mL)

Continued on Page 2

# INSULIN PRODUCTS AVAILABLE IN CANADA (as of June 2022\*)

\*Note: While every effort has been made to ensure this chart is current, please refer to RxTx (e-CPS) for most current info. Available formats of insulin in Canada are constantly changing.

Class	Brand (Type/Generic)	Onset	Maximum Effect	Duration	Administration	Comments	Available Formats in Canada
Rapid-acting AND Intermediate-acting insulin mixture	<b>Humalog Mix 25</b> <b>Humalog Mix 50</b>	Faster than Humulin 30/70	0.75 hours-2.5 hours	Up to 24 hours	Given once or twice daily (rarely, three times daily) before meals. Give within 15 mins of a meal. Should not be administered at bedtime.	CLOUDY- Resuspend prior to administration by rolling vial between hands.	Pen Cartridge (3 mL); KwikPen (3 mL)
	<b>Novomix 30</b>	10 -20 mins	1 - 4 hours				Pen Cartridge (3 mL)
Short-acting AND Intermediate-acting insulin mixture	<b>Humulin 30/70</b>	30 -60 mins	2 - 4 hours	Up to 24 hours	Given once or twice daily (rarely, three times daily) before meals. Give within 30 mins of a meal. Should not be administered at bedtime.	CLOUDY- Resuspend prior to administration by rolling vial between hands.	Vial (10 mL); Pen Cartridge (3 mL)
	<b>Novolin Ge 30/70</b> <b>Novolin Ge 40/60</b> <b>Novolin Ge 50/50</b>	30 mins	2 - 8 hours				Novolin ge 30/70: Vial (10 mL); Pen Cartridge (3 mL) ----- Novolin ge 40/60: Pen Cartridge (3 mL) ----- Novolin ge 50/50: Pen Cartridge (3 mL)
Misc.	<b>Entuzity (Regular 500)</b>	Despite containing only regular insulin, acts as both prandial and basal insulin			Usually given two or three times daily. Give 30 mins before a meal.		KwikPen ( <b>500 units/mL</b> ) (3 mL)