

epocrates® – Insulin Product Comparisons – Full Insulin Table

rapid-acting insulin	onset/peak/duration	dosage form	compatibility
insulin aspart 100 units/mL (Fiasp)	o: 2.5min p: 63 min d: 5-7h	cartridge, pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin in syringe or pump • don't mix w/ any diluent in pump
insulin aspart 100 units/mL (NovoLog)	o: <0.25h p: 1-3h d: 3-5h	cartridge, pen, vial	<ul style="list-style-type: none"> • may be mixed w/ NPH insulin in syringe • don't mix w/ any insulin or diluent in pump
insulin glulisine 100 units/mL (Apidra)	o: <0.5h p: 0.5-1.5h d: <6h	pen, vial	<ul style="list-style-type: none"> • may be mixed w/ NPH insulin in syringe • don't mix w/ any insulin or diluent in pump
insulin inhaled (Afrezza)	o: 0.2h p: 0.6-0.9h d: 1.5-4.5h	DPI cartridge ¹	
insulin lispro 100 units/mL (generic)	o: <0.5h p: 0.5-1.5h d: <6h	pen, vial	<ul style="list-style-type: none"> • may be mixed w/ NPH insulin in syringe • don't mix w/ any insulin or diluent in pump
insulin lispro 100 units/mL (Admelog)	o: <0.5h p: 0.83h d: <6h	pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent in syringe or pump
insulin lispro 100 units/mL (Humalog)	o: <0.5h p: 0.5-1.5h d: <6h	cartridge, pen, vial	<ul style="list-style-type: none"> • may be mixed w/ NPH insulin in syringe • don't mix w/ any insulin or diluent in pump
insulin lispro 200 units/mL (Humalog)	o: <0.5h p: 0.5-1.5h d: <6h	pen	<ul style="list-style-type: none"> • don't mix w/ any insulin
insulin lispro-aabc 100 units/mL (Lyumjev)	o: 1min p: 57min d: <5h	cartridge ¹ , pen ¹ , vial ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent in syringe or pump
insulin lispro-aabc 200 units/mL (Lyumjev)	o: 1min p: 57min d: <5h	pen ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin
short-acting insulin	onset/peak/duration	dosage form	compatibility
insulin regular 1 unit/mL (Myxredlin)	o: 0.25h IV p: 0.25-0.5h IV d: 0.5-1h IV	pre-mixed bag	<ul style="list-style-type: none"> • don't mix w/ any insulin
insulin regular 100 units/mL (Humulin R; Novolin R)	o: 0.5-1h (IV=0.25h) p: 2-4h (IV=0.25-0.5h) d: 6-12h (IV=0.5-1h)	vial	<ul style="list-style-type: none"> • may mix w/ rapid or intermediate-acting insulin in syringe
short to intermediate-acting insulin	onset/peak/duration	dosage form	compatibility
insulin regular 500 units/mL (Humulin R)	o: 0.5-1h p: 2-4h d: up to 24h	pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin • different syringe size required d/t high-conc. insulin
intermediate-/rapid-acting insulin combos	onset/peak/duration	dosage form	compatibility
insulin aspart protamine/insulin aspart 100 units/mL (NovoLog Mix 70/30)	o: <0.25h p: 1-4h d: 12-24h	pen ¹ , vial ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin
insulin lispro protamine/insulin lispro 100 units/mL (generic; Humalog Mix 75/25)	o: <0.5h p: protamine 2-4h lispro 0.5-1.5h d: 6-12h	generic: pen ¹ Humalog Mix 75/25: pen ¹ , vial ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin
insulin lispro protamine/insulin lispro 100 units/mL (Humalog Mix 50/50)	o: <0.5h p: protamine 1-2h lispro 0.5-1.5h d: 6-12h	pen ¹ , vial ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin

intermediate-/short-acting insulin combo	onset/ peak/ duration	dosage form	compatibility
insulin NPH/insulin regular 100 units/mL (Humulin 70/30; Novolin 70/30)	o: 0.5h p: 2-12h d: 18-24h	pen ¹ , vial ¹	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent
intermediate-acting insulin	onset/ peak/ duration	dosage form	compatibility
insulin NPH 100 units/mL (Humulin N; Novolin N)	o: 1-2h p: 4-14h d: 10-24h	pen, vial	<ul style="list-style-type: none"> • may mix w/ rapid or short-acting insulin in syringe
long-acting insulin	onset/ peak/ duration	dosage form	compatibility
insulin detemir 100 units/mL (Levemir)	o: 1h p: no peak d: 8-24h	pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent
insulin glargine 100 units/mL (Basaglar; Lantus; Semglee)	o: 1h p: no peak d: 24h	Basaglar: pen Lantus: pen, vial Semglee: pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent
insulin degludec 100 units/mL (Tresiba)	o: 1h p: no peak d: up to 42h	pen, vial	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent
insulin degludec 200 units/mL (Tresiba)	o: 1h p: no peak d: up to 42h	pen	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent
insulin glargine, 300 units/mL (Toujeo)	o: 6h p: no peak d: 24-36h	pen	<ul style="list-style-type: none"> • don't mix w/ any insulin or diluent

1 – Drug unavailable for Peds.