

NAME	MANUFACTURER	SOURCE	DELIVERY SYSTEM	TAKEN	ONSET, PEAK AND DURATION (APPROXIMATE HOURS)
<b>Rapid-acting analogue</b>					0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32 34 36
NovoRapid	Novo Nordisk	Analogue	Vial, cartridge, Novo prefilled pens, 1.6ml PumpCart	Just before / with / just after food	
Humalog	Lilly	Analogue	Vial, cartridge, prefilled pen	Just before / with / just after food	
Apidra	Sanofi	Analogue	Vial, cartridge, prefilled pen	0–15 mins before, or soon after, a meal	
<b>Short-acting/neutral</b>					
Actrapid	Novo Nordisk	Human	Vial	30 mins before food	
Humulin S	Lilly	Human	Vial, cartridge	20–45 mins before food	
Hypurin Bovine Neutral	Wockhardt UK	Bovine	Vial, cartridge	As advised by your healthcare team	
Hypurin Porcine Neutral	Wockhardt UK	Porcine	Vial, cartridge	As advised by your healthcare team	
Insuman Rapid	Sanofi	Human	Cartridge	15–20 minutes before food	
<b>Medium- and long-acting</b>					
Insulatard	Novo Nordisk	Human	Vial, cartridge, prefilled insulin doser	As advised by your healthcare team	
Humulin I	Lilly	Human	Vial, cartridge, prefilled pen	As advised by your healthcare team	
Hypurin Bovine Isophane	Wockhardt UK	Bovine	Vial, cartridge	As advised by your healthcare team	
Hypurin Porcine Isophane	Wockhardt UK	Porcine	Vial, cartridge	As advised by your healthcare team	
Hypurin Bovine Protamine Zinc	Wockhardt UK	Bovine	Vial	As advised by your healthcare team	
Hypurin Bovine Lente	Wockhardt UK	Bovine	Vial	As advised by your healthcare team	
Insuman Basal	Sanofi	Human	Vial, cartridge, prefilled pen	45–60 mins before food	
<b>Mixed</b>					
Humulin M3	Lilly	Human	Vial, cartridge, prefilled pen	20–45 mins before food	
Hypurin Porcine 30/70 Mix	Wockhardt UK	Porcine	Vial, cartridge	As advised by your healthcare team	
Insuman Comb 15	Sanofi	Human	Cartridge	30–45 mins before food	
Insuman Comb 25	Sanofi	Human	Vial, cartridge, prefilled pen	30–45 mins before food	
Insuman Comb 50	Sanofi	Human	Cartridge	20–30 mins before food	
Humalog Mix 25	Lilly	Analogue	Vial, cartridge, prefilled pen	Just before / with / just after food	
Humalog Mix 50	Lilly	Analogue	Cartridge, prefilled pen	Just before / with / just after food	
NovoMix 30	Novo Nordisk	Analogue	Cartridge, prefilled pen	Just before / with / just after food	
<b>Long-acting analogue</b>					
Lantus	Sanofi	Analogue	Vial, cartridge, prefilled pen	Once a day, anytime (but at same time each day)	
Levemir	Novo Nordisk	Analogue	Cartridge, prefilled pen, prefilled insulin doser	Once or twice a day, anytime (at same time each day)	
Tresiba	Novo Nordisk	Analogue	Tresiba Penfill 100units/ml & prefilled Tresiba FlexTouch 100units/ml & Tresiba FlexTouch 200units/ml (NB the 3ml FlexTouch pen for 200units/ml contains 600 units)	Once a day, anytime (but preferably at the same time of the day)	

