



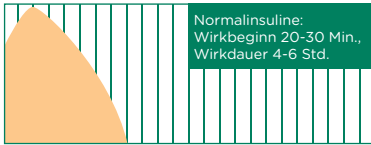
# Pennadeln in 6, 8, 10 and 12 mm Länge - eine Marke für alle Insulinpens

## Wirkschema, exemplarisch

0 2 4 6 8 10 12 14 16 18 20 22 24



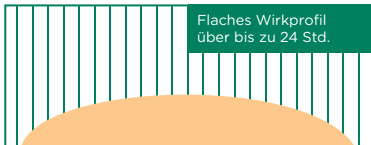
Kurzwirksame Insuline:  
Wirkbeginn 10 Min.,  
Wirkdauer 2-3 Std.



Normalinsuline:  
Wirkbeginn 20-30 Min.,  
Wirkdauer 4-6 Std.



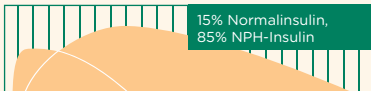
NPH-Insuline:  
Wirkbeginn 90 Min.,  
Wirkdauer 12-16 Std.



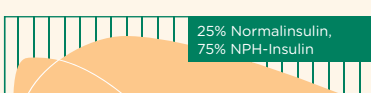
Flaches Wirkprofil  
über bis zu 24 Std.



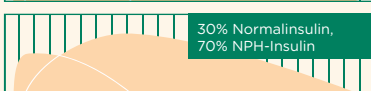
Mischinsulin-Analog



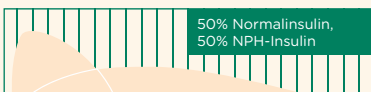
15% Normalinsulin,  
85% NPH-Insulin



25% Normalinsulin,  
75% NPH-Insulin



30% Normalinsulin,  
70% NPH-Insulin



50% Normalinsulin,  
50% NPH-Insulin

P= für Insulinpumpe zugelassen | DFL (Durchstechflasche) | PAT (Penpatrone)

**NOVORAPID**

U100	DFL	5x10 ml	PZN 0558647
	PAT	5x3 ml	PZN 0558707
		10x3 ml	PZN 0558736
	Flexpen	5x3 ml	PZN 1884952
		10x3 ml	PZN 1884981

**ACTRAPID**

U100	PAT	5x3 ml	PZN 0536338
		10x3 ml	PZN 0536427
	Novolet	5x3 ml	PZN 0536456
		10x3 ml	PZN 0536491
	Innolet	5x3 ml	PZN 0536692
		10x3 ml	PZN 0536700

**PROTAPHANE**

U100	PAT	5x3 ml	PZN 0544757
		10x3 ml	PZN 0544786
	Flexpen	5x3 ml	PZN 0546555
		10x3 ml	PZN 0546578
	Innolet	5x3 ml	PZN 0546360
		10x3 ml	PZN 0546443

**LEVEMIR**

U100	PAT	5x3 ml	PZN 3075501
		10x3 ml	PZN 3075518
	Flexpen	5x3 ml	PZN 3075530
		10x3 ml	PZN 3075599

**NOVOMIX 30**

U100	PAT	5x3 ml	PZN 2470796
		10x3 ml	PZN 2470804
	Flexpen	5x3 ml	PZN 2430176
		10x3 ml	PZN 2430182

**NOVOPEN 4, NovoPen Junior**

**ACTRAPHANE 30**

U100	PAT	5x3 ml	PZN 0539650
		10x3 ml	PZN 0540765
	Novolet	5x3 ml	PZN 0541411
		10x3 ml	PZN 0541434

**ACTRAPHANE 50**

U100	PAT	5x3 ml	PZN 0542356
		10x3 ml	PZN 0542882
	Novolet	5x3 ml	PZN 0543781
		10x3 ml	PZN 0543924

**HUMALOG**

U100	DFL	1x10 ml	PZN 7242485
		5x10 ml	PZN 7242491
	PAT	5x3 ml	PZN 8752484
		10x3 ml	PZN 8752490
	Fertigpen	5x3 ml	PZN 0182248
		10x3 ml	PZN 0182254

**HUMINSULIN NORMAL**

U100	DFL	5x10 ml	PZN 2526396
	PAT	5x3 ml	PZN 7273623
		10x3 ml	PZN 7273646
	Fertigpen	5x3 ml	PZN 2904993
		10x3 ml	PZN 2911220

**HUMINSULIN BASAL**

U100	DFL	5x10 ml	PZN 2526491
	PAT	5x3 ml	PZN 7273652
		10x3 ml	PZN 7273669
	Fertigpen	5x3 ml	PZN 0182260
		10x3 ml	PZN 0182277

**KLINION®** ist eine Marke der Medeco BV, NL  
Vertrieb: eu-medical GmbH

**KLINION®** soft fine® plus 0,33 mm (29 G) x 6 mm, 100 + 10 Stück

**HUMALOG MIX 25**

U100	PAT	5x3 ml	PZN 0182107
		10x3 ml	PZN 0182113
	Fertigpen	5x3 ml	PZN 0182136
		10x3 ml	PZN 0182142

**HUMALOG MIX 50**

U100	PAT	5x3 ml	PZN 0182159
		10x3 ml	PZN 0182171
	Fertigpen	5x3 ml	PZN 0182188
		10x3 ml	PZN 0182194

**HUMAPEN Luxura, Humapen HD, Humapen Memoir**

**HUMINSULIN PROFIL III**

U100	PAT	5x3 ml	PZN 7273712
		10x3 ml	PZN 7273729
	Fertigpen	5x3 ml	PZN 2911237
		10x3 ml	PZN 2911266

**APIDRA**

U100	DFL	5x10 ml	PZN 0175165
	PAT	3x3 ml	PZN 0175219
		6x3 ml	PZN 1320497
		9x3 ml	PZN 1320505
	PAT Opticlik	3x3 ml	PZN 3870210
		9x3 ml	PZN 3870233
	Optiset	3x3 ml	PZN 0175159
		6x3 ml	PZN 1320037
		9x3 ml	PZN 1320356
	Solostar	3x3 ml	PZN 4679365
		9x3 ml	PZN 4680121

**INSUMAN RAPID**

U40	DFL	1x10 ml	PZN 8923052
		5x10 ml	PZN 8923069
U100	PAT	5x3 ml	PZN 8923023
		10x3 ml	PZN 8923000
	PAT Opticlik	3x3 ml	PZN 1713110
		9x3 ml	PZN 1713127
	Optiset	5x3 ml	PZN 0587991
		10x3 ml	PZN 0587979

**INSUMAN INFUSAT**

U100	DFL	3x10 ml	PZN 8923075
	AMP	5x3,15 ml	PZN 8923081

**INSUMAN BASAL**

U40	DFL	5x10 ml	PZN 8922880
U100	PAT	5x3 ml	PZN 8922845
		10x3 ml	PZN 8922851
	PAT Opticlik	3x3 ml	PZN 1713133
		9x3 ml	PZN 1713156
	Optiset	5x3 ml	PZN 0587962
		10x3 ml	PZN 0587927

**LANTUS**

U100	DFL	1x10 ml	PZN 3532803
	PAT	3x3 ml	PZN 0400780
		6x3 ml	PZN 0685535
		9x3 ml	PZN 0400952
	PAT Opticlik	3x3 ml	PZN 0320874
		9x3 ml	PZN 0322637
	Optiset	3x3 ml	PZN 0401472
		6x3 ml	PZN 0685541
		9x3 ml	PZN 0401816
	Solostar	3x3 ml	PZN 4678070
		9x3 ml	PZN 4678259

**OptiClick, OptiPen Pro, OptiPen pro 2, InsoPen, AutoPen 24, TacPen**

**INSUMAN COMB 15**

U100	PAT	5x3 ml	PZN 8922934
		10x3 ml	PZN 8922940
	Optiset	5x3 ml	PZN 0588039
		10x3 ml	PZN 0588016

**INSUMAN COMB 25**

U40	DFL	5x10 ml	PZN 8922963
U100	PAT	5x3 ml	PZN 8922911
		10x3 ml	PZN 8922897
	Optiset	5x3 ml	PZN 0588068
		10x3 ml	PZN 0588045

**INSUMAN COMB 50**

U100	PAT	5x3 ml	PZN 8923129
		10x3 ml	PZN 8923106
	Optiset	5x3 ml	PZN 0588097
		10x3 ml	PZN 0588074

**LIPROLOG**

U100	DFL	5x10 ml	PZN 1043106
	PAT	5x3 ml	PZN 1043112
		10x3 ml	PZN 1043129
	PEN	5x3 ml	PZN 1043135
		10x3 ml	PZN 1043141

**BERLINSULIN H NORMAL**

U100	PAT	5x3 ml	PZN 7221224
		10x3 ml	PZN 7221230

**BERLINSULIN H BASAL**

U100	PAT	5x3 ml	PZN 7221247
		10x3 ml	PZN 7221253

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**LIPROLOG MIX 25**

U100	PAT	5x3 ml	PZN 1043158
		10x3 ml	PZN 1043164
	PEN	5x3 ml	PZN 1043170
		10x3 ml	PZN 1043187

**LIPROLOG MIX 50**

U100	PAT	5x3 ml	PZN 1043193
		10x3 ml	PZN 1043201
	PEN	5x3 ml	PZN 1043218
		10x3 ml	PZN 1043224

**BerliPen area, BerliPen area 2, BerliPen JUNIOR**

**BERLINSULIN H 30/70**

U100	PAT	5x3 ml	PZN 7221313
		10x3 ml	PZN 7221336

**B BRAUN**

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**KLINION®** soft fine® plus 0,33 mm (29 G) x 12 mm, 100 + 10 Stück

**INSULIN B.BRAUN RAPID**

U40	DFL	5x10 ml	PZN 1057717
U100	PAT	5x3 ml	PZN 1057692
		10x3 ml	PZN 1057700

**INSULIN B.BRAUN BASAL**

U40	DFL	5x10 ml	PZN 1058970
U100	PAT	5x3 ml	PZN 1058958
		10x3 ml	PZN 1058964

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**OptiClick, OptiPen Pro, OptiPen pro 2, InsoPen, AutoPen 24, TacPen**

**Omnican Pen**

**INSULIN B.BRAUN 30/70**

U40	DFL	5x10 ml	PZN 1057752
U100	PAT	5x3 ml	PZN 1057723
		10x3 ml	PZN 1057746