

Cross Reactivity Study

The cross reactivity of related peptides have been measured in the Invitron Luminescence Assays for :
Insulin, Intact Proinsulin, Total Proinsulin, C-Peptide and Glargine.

Cross-reactivity of the test peptide is expressed as a percentage of an identical concentration of the assay calibrator.

Test Peptide	Test Conc.	Invitron Assay				
		Insulin (IV2-001)	C-peptide (IV2-004)	Intact Proinsulin (IV2-002)	Total Proinsulin (IV2-003)	Glargine (IV2-013)
		Cross reactivity (%)				
Insulin	100 pmol/l	100	0.0	0.0	2.2	2.8
C-peptide	100 pmol/l	0.0	100	0.0	0.0	
Proinsulin	100 pmol/l	1.2	2.0	100	100	
32-33 Split Proinsulin	100 pmol/l			5.6	97	
des 31/32 Proinsulin	100 pmol/l			1.4	100	
Insulin Lispro	300 pmol/l	108				0.2
Insulin Aspart	300 pmol/l	94				0.0
Insulin Glulisine	300 pmol/l	68				2.7
Insulin Glargine	300 pmol/l	104				100