

Peptide Ligand, *Bacillus anthracis* Spore Binding

Catalog No. NR-9310

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Product Description: NR-9310 is a peptide ligand that binds specifically to spores of *Bacillus anthracis*. The peptide ligand sequence has been modified at the carboxy terminus to allow it to be used in proximity ligation assays.

Lot: 1280-7/14

Manufacturing Date: 16JUL2007

The following information applies to NR-9310:

- Appearance White lyophilized powder
- Mass spectral analysis Correct MW by MALDI-TOF
- Counter Ion Trifluoroacetate

Length	Sequence	Hydrophilicity	MW (amu)	Purity by HPLC ^a	Peptide Content ^b
12	ATYPLPIRGGGC	-0.4	1204	>95%	71.5%
^a % full-length					
^b Remainder is salt and water					

	Ala (A)	Arg (R)	Asx (N,D)	Cys (C)	Glx (Q,E)	Gly (G)	His (H)	Ile (I)	Leu (L)	Lys (K)	Met (M)	Phe (F)	Pro (P)	Ser (S)	Thr (T)	Trp (W)	Tyr (Y)	Val (V)
Expected	1.00	1.00		1.00		3.00		1.00	1.00				2.00		1.00		1.00	
Actual	0.99	1.01		0.00 ^a		3.09		1.00	1.02				2.03		0.97		1.00	

^aCys was completely destroyed during hydrolysis

Date: 09 OCT 2007

Signature: Signature on File

Title: Technical Manager, BEI Authentication or designee

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