

# PepMix™ Pan-Influenza A Select

**Product codes:**

PM-Pan-INFAselct

## Peptide origin

Protein	Allele Info	# Peptides
Hemagglutinin	HLA-DRA*01:01/DRB1*04:01,HLA-DRB1*04:01,HLA-DRB1*01:01,HLA-DQA1*01:02/DQB1*06:02,HLA-DR1,HLA-DQB1*06:02,HLA-DRB1*04:04,HLA-DRA*01:01/DRB1*01:01,HLA-DRB1*11:01,HLA-DRB5*01:01,HLA-DRB1*01:03,HLA-DRB1*13:01,HLA-DRB1*04:02,HLA-DRB1*16:01,HLA-DRB1*15:01,HLA-DRB3*02:02,HLA-DRB1*11:03,HLA-DRB1*08:01,HLA-DRB5*02:02,HLA-DRB1*11:02,HLA-DRB1*11:04,HLA-DRB3*01:01,HLA-DRB3*03:01,HLA-DRB1*12:01,HLA-DRB1*07:01,HLA-DRB1*08:02,HLA-DRB1*08:03,HLA-DRB1*09:01,HLA-DRB1*13:02,HLA-DR7,HLA-DR5,HLA-DRB1*04:05,HLA-DRB1*04:03,HLA-DRA*01:01/DRB1*04:04,HLA-DR4	25
Matrix protein 1	HLA-DR1,HLA-A*02:01,HLA-DRB1*04:01,HLA-A2,HLA-A11,HLA-DRB1*01:03,HLA-A*11:01,HLA-B*35:01,HLA-A69,HLA-DRB1*01:01,HLA-A*02:06,HLA-A*02:01 K66A,E63Q mutant,HLA-A*02:02,HLA-A*02:03,HLA-A*68:02,HLA-C*08:01,HLA-B*07:02,HLA-DRB1*13:01,HLA-DRB1*11:01,HLA-DRA*01:01/DRB1*04:01,HLA-B35,HLA-B27,HLA-B*27:05,HLA-DRB1*15:01,HLA-DRB5*01:01,HLA-DRB1*07:01,HLA-DRB1*15:02,HLA-DRB1*03:01	17
Neuraminidase	HLA-A*02:01, HLA-A2	1
Non-structural protein 1	HLA-A*02:01, HLA-A2	3
Nuclear export protein	HLA-B*18:01, HLA-B*40:01, HLA-B*40:02, HLA-B*44:03, HLA-B*45:01, HLA-B*44:02	1
Nucleoprotein	HLA-B44,HLA-B*18:01,HLA-A*68:01,HLA-B*37:01,HLA-B*35:01,HLA-DQA1*01:02/DQB1*06:02,HLA-B27,HLA-A3,HLA-B8,HLA-A1,HLA-B58,HLA-B*15:01,HLA-A68,HLA-B*07:02,HLA-A*01:01,HLA-DQB1*06:02,HLA-B*27:09,HLA-B*27:05,HLA-B*08:01,HLA-B*57:01,HLA-B*27:01,HLA-DR,HLA-A*02:01,HLA-A28,HLA-A2,HLA-B*58:01,HLA-A*03:01	24
Polymerase acidic protein	HLA-A*24:02, HLA-A*23:01	1
Polymerase basic protein 2	HLA-A*02:01,HLA-A3,HLA-A*02:02,HLA-A*02:03,HLA-A*02:06,HLA-A*68:02,HLA-A2,HLA-A*03:01,HLA-A*11:01,HLA-A*31:01,HLA-A*33:01,HLA-A*68:01	2
Protein PB1-F2	HLA-A*24:02	1
RNA-directed RNA polymerase catalytic subunit	HLA-A*24:02,HLA-B*07:02,HLA-DRB1*04:01,HLA-A*02:01,HLA-A1,HLA-A*01:01,HLA-A*02:02,HLA-A*02:03,HLA-A*02:06,HLA-A*68:02,HLA-A2,HLA-A*11:01,HLA-A*23:01,HLA-A*29:02	5