

Centre for AIDS Reagents.

Data Sheet

NAME:	FEC Peptide Pool
REPOSITORY REFERENCE:	ARP7099
PROVIDED:	32 peptides from Flu/EBV/CMV synthesised (25mg each) and, after checking, all 32 peptides were pooled. 32 x 25mg gave total of 800mg of the pool and this was freeze-dried in 1mg aliquots. Thus each vial contains 31.25ug of each of the 32 peptides.
SEQUENCES:	See table on next page.
RECONSTITUTION AND USE:	All but three of the individual FEC peptides were readily soluble. Peptides were individually screened and shown to be reactive by Dr. Nesrina Imami, Chelsea and Westminster Hospital, London. It is recommended that the 1mg FEC peptide pool is initially reconstituted in a small volume of DMSO (10-50ul) and when fully dissolved further diluted to 1ml with PBS or suitable diluent. This may be aliquoted and frozen. The pool may, for example, be further diluted in RPMI containing antibiotics and glutamine to 3ug/ml so that when mixed 1:1 with PBMCs, a final concentration of 1.5ug/ml of each peptide is achieved.
STORAGE:	-20°C. Once reconstituted sub aliquot and store at -20°C.
REFERENCE:	Currier et al, JIM 2002 260:157
ACKNOWLEDGEMENTS:	Publications should acknowledge the donor of the reagent and the Programme EVA Centre for AIDS Reagents. Suggested wording can be found on our website at http://www.nibsc.org/Spotlight/Centre_for_AIDS_Reagents.aspx in the “Acknowledgements” section. Please also ensure that you send us a copy of any papers resulting from work using reagents acquired through CFAR (this can be electronically or as a paper copy)

FEC PEPTIDES

Peptide	Allele	Sequence	Ag	Cox
FEC1	A2	GILGFVFTL	Flu M	+
FEC2	A2	FMYSDFHFI	Flu	
FEC3	A3/11/6081	SIIPSGPLK	Flu M	
FEC4	A3	RVLSFIKGTK	Flu NP	
FEC5	A68	KTGGPIYKR	Flu NP	+
FEC6	B7	LPFDKTTVM	Flu NP	
FEC7	B8	ELRSRYWAI	Flu NP	+
FEC8	B27	SRYWAIRTE	Flu NP	+
FEC9	B27	ASCMGLIY	Flu M	
FEC10	A2	CLGGLLTMV	EBV	
FEC11	A2	GLCTLVAML	EBV	+
FEC12	A11	AVFDRKSDAK	EBV	
FEC14	A24	DYCNVLNKEF	EBV	+
FEC15	B8	RAKFKQLL	EBV	+
FEC16	B8	FLRGRAYGL	EBV	+
FEC17	B8	QAKWRLQTL	EBV	+
FEC18	B27	RRIYDLIEL	EBV	+
FEC19	B35	YPLHEQHGM	EBV	+
FEC20	A0201	NLVPMVATV	CMV	+
FEC21	B0702	TPRVTGGGAM	CMV	+
FEC22	B18	SDEEEAIVAYTL	CMV	
FEC23	B35	IPSINVHHY	CMV	
FEC24	A1	VSDGGPNLY	Flu	+
FEC25	A1	CTELKLSDY	Flu	+
FEC26	A3	ILRGsvAHK	Flu	+
FEC27	A3	RVRAYTYSK	EBV	+
FEC28	A3	RLRAEAQVK	EBV	+
FEC29	A11	IVTDFSVIK	EBV	+
FEC30	A11	ATIGTAMYK	EBV	+
FEC31	B7	RPPIFIRRL	EBV	+
FEC32	B44	EENLLDFVRF	EBV	+
FEC33	B44	EFFWDANDIY	CMV	+