

CMV specific Tetramers

Cytomegalovirus infections (CMV) is a common infection in healthy and immunosuppressed individuals. In the majority of the healthy population, CMV is present in a latent form and controlled by a robust T cell response. However, in immunocompromised individuals (especially in transplantation patients) CMV is easily reactivated and often results in severe clinical complications. Currently, different therapeutic options are being studied to assist patients with the complications observed with CMV reactivation. One such therapy includes adoptive T-cell therapy.

Once directed T-cell responses are characterized and well understood, it will be possible to implement immune therapies to the affected patients as well as provide a lasting T-cell response. MBL International offers an expansive list of CMV specific Tetramers for human and mouse models.

If you do not see the specific Tetramer you are interested in, please contact us to learn how we can create a custom Tetramer for you.

Product Code	Product Name	Allele	Specificity	Sequence	Species	Class
TB-0010	iTAg Tetramer/PE - HLA-A*02:01 CMV pp65 (NLVPMVATV)	HLA-A*02:01	pp65	NLVPMVATV	Human	Class I
TB-0020	iTAg Tetramer/PE - HLA-A*24:02 CMV (QYDPVAALF)	HLA-A*24:02	pp65	QYDPVAALF	Human	Class I
TB-0024	iTAg Tetramer/PE - HLA-A*01:01 CMV pp50 (VTEHDTLLY)	HLA-A*01:01	pp50	VTEHDTLLY	Human	Class I
TB-0025	iTAg Tetramer/PE - HLA-B*07:02 CMV pp65 (TPRVTGGGAM)	HLA-B*07:02	pp65	TPRVTGGGAM	Human	Class I
TB-0026	iTAg Tetramer/PE - HLA-B*08:01 CMV IE1 (ELRRKMMYM)	HLA-B*08:01	IE1	ELRRKMMYM	Human	Class I
TB-0027	iTAg Tetramer/PE - HLA-B*35:01 CMV pp65 (IPSINVHHY)	HLA-B*35:01	pp65	IPSINVHHY	Human	Class I
TB-0116	HLA-A*02:01 LCMV GPC 447-455 Tetramer-YLVSIFLHL-PE	HLA-A*02:01	GPC	YLVSIFLHL	Human	Class I
TB-0121	HLA-A*02:01 LCMV ND Tetramer-ALPHIIDEV-PE	HLA-A*02:01	ND	ALPHIIDEV	Human	Class I
TB-0147	HLA-B*08:01 CMV IE1 Tetramer-QIKVRVDMV-PE	HLA-B*08:01	IE1	QIKVRVDMV	Human	Class I
TB-5002	iTAg Tetramer/PE - H-2 Db LCMV (KAVYNFATC)	H-2Db	gp33-41	KAVYNFATC	Mouse	Class I
TB-5009	iTAg Tetramer/PE - H-2 Db LCMV (SGVENPGGYCL)	H-2Db	gp276-286	SGVENPGGYCL	Mouse	Class I
TB-5010	iTAg Tetramer/PE - H-2 Kb LCMV (AVYNFATC)	H-2Kb	gp34-41	AVYNFATC	Mouse	Class I
TB-5011	iTAg Tetramer/PE - H-2 Kb LCMV (AVYNFATCGI)	H-2Kb	gp34-43	AVYNFATCGI	Mouse	Class I
TB-5012	iTAg Tetramer/PE - H-2 Kb LCMV (ISHNFCNL)	H-2Kb	gp118-125	ISHNFCNL	Mouse	Class I
TB-5014	iTAg Tetramer/PE - H-2 Kb LCMV (LEYDFNKL)	H-2Kb	L protein	LEYDFNKL	Mouse	Class I
TB-5015	iTAg Tetramer/PE - H-2 Kb LCMV (YTVKYPNL)	H-2Kb	NP205-212	YTVKYPNL	Mouse	Class I
TB-5109	H-2 Db MCMV M45 Tetramer-HGIRNASFI-PE	H-2Db	M45	HGIRNASFI	Mouse	Class I
TB-5111	H-2 Dd MCMV M164 Tetramer-AGPPRYSRI-PE	H-2Dd	M164	AGPPRYSRI	Mouse	Class I
TB-CMvmv	iTAg MHC Tetramer/PE CMV Multi-Allele (7 vials)	Multi allele	CMV		Human	Class I
TB-M012	HLA-A*11:01 CMV pp65 Tetramer-ATVQGQNLK-PE	HLA-A*11:01	pp65	ATVQGQNLK	Human	Class I
TB-M057	HLA-A*02:01 CMV IE1 316-324 Tetramer-VLEETSVML-PE	HLA-A*02:01	IE1 316-324	VLEETSVML	Human	Class I
TB-M099	HLA-B*07:02 CMV pp65 Tetramer-RPHERNGFTVL-PE	HLA-B*07:02	pp65	RPHERNGFTVL	Human	Class I
TB-M512	H-2Db LCMV gp33 (C9M) Tetramer-KAVYNFATM-PE	H-2Db	gp33 (C9M)	KAVYNFATM	Mouse	Class I
TB-M513	iTAg Tetramer/PE - H-2 Db LCMV (FQPQNGQFI)	H-2Db	NP396-404	FQPQNGQFI	Mouse	Class I
TB-M514	H-2Ld LCMV NP 118-126 Tetramer-RPQASGVYM-PE	H-2Ld	Nucleoprotein	RPQASGVYM	Mouse	Class I
TS-M013	T-Select HLA-B*15:01 CMV pp65 Tetramer-KMQVIGDQY	HLA-B*15:01	pp65	KMQVIGDQY	Human	Class I
TS-M100	HLA-A*03:01 CMV IE1 184-192 Tetramer-KLGGALQAK-PE	HLA-A*03:01	IE1	KLGGALQAK	Human	Class I
TS-M510	T-Select H-2Ld MCMV IE1 Tetramer-YPHFMPTNL-PE	H-2Ld	IE1	YPHFMPTNL	Mouse	Class I

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