

Available HLA-A2 Tetramer stock items					
Source	HLA Allele	Sequence	Origin	Product code	Price 50 tests
HIV	A*0201	ILKEPVHGV	HIV-RT	T-0101	945 €
	A*0201	SLYNTVATL	HIV gag	T-0102	945 €
	A*0201	TLNAWVKVV	HIV gag	T-0103	945 €
	A*0201	KLTPLCVTL	HIV enf	T-0104	945 €
HBV	A*0201	FLPSDFFPSV	HBV core	T-0201	945 €
	A*0201	FLLTRILT I	HBV sAg	T-0202	945 €
	A*0201	GLSPTVWLSV	HBV sAg	T-0203	945 €
	A*0201	WLSLLVPFV	HBV sAg	T-0204	945 €
	A*0201	FLLSLGIHL	HBV pol	T-0205	945 €
HCV	A*0201	DLMGYIPAV	HCV core	T-0301	945 €
	A*0201	CINGVCWTV	HCV NS3	T-0302	945 €
	A*0201	KLVALGINAV	HCV NS3	T-0303	945 €
EBV	A*0201	GLCTLVAML	EBV BMLF-1	T-0401	945 €
	A*0201	CLGGLLTMV	EBV LMP2	T-0402	945 €
CMV	A*0201	NLVPMVATV	CMV pp65	T-0501	945 €
Flu	A*0201	GILGFVFTL	Influenza M1	T-0601	945 €
HPV	A*0201	YMLDLQPETT	HPV E7	T-0701	945 €
HTLV	A*0201	LLFGYPVYV	HTLV-1 tax	T-0801	945 €
Bacterial	A*0201	KLIANNTRV	M. bovis 85A	T-0901	945 €
	A*0201	GLPVEYLQV	M. bovis 85A	T-0902	945 €
	A*0201	RLNMFPTYI	Chlamydia	T-0903	945 €
	A*0201	NMFTPYIGV	Chlamydia	T-0904	945 €
	A*0201	YLNKIQNSL	P. falciparum	T-0905	945 €
Cancer	A*0201	ITDQVPFSV	Gp 100	T-1001	945 €
	A*0201	IMDQVPFSV	Gp 100	T-1002	945 €
	A*0201	ELAGIGILTV	MART-1	T-1003	945 €
	A*0201	KIFGSLLAFL	HER-2/neu	T-1004	945 €
	A*0201	RLLQETELV	HER-2/neu	T-1005	945 €
	A*0201	VLQELNVTV	Proteinase 3	T-1006	945 €
	A*0201	YMDGTMSQV	Tyrosinase	T-1007	945 €
	A*0201	RMFPNAPYL	WT-1	T-1008	945 €
	A*0201	ILAKFLHWL	Telomerase	T-1009	945 €
others	H-2 Kb	SIINFEKL	Ovalbumin	T-1101	945 €

Tetramer Matching Peptides

The peptides corresponding to the listed tetramers are also available in 2–5 mg quantities for T cell stimulation and related assays (ELISPOT, Cytotoxicity Assays). Please use the prefix PEP for the peptide order.

PEP-0101	refers to ILKEPVHGV	5-10 mg	200 €
----------	---------------------	---------	-------

Biotinylated MHC-Peptide Monomers

All listed HLA-A2-peptide combinations are available as biotinylated MHC-peptide monomers for magnetic isolation of antigen-specific T cells. Please use the prefix M for the Monomer. For example:

M-0101	refers to ILKEPVHGV	100 ug	945 €
--------	---------------------	--------	-------

Custom MHC-Peptide Tetramer and Monomer Synthesis

On request we manufacture Class One Tetramers with peptides of your choice. We supply all tetramers as PE- or APC-labeled tetramers available in 50 and 100 test quantities. Tetramers or monomers can be produced in 3 – 4 weeks and are available with the following pricing.

HLA-A*0201 Tetramer	50 tests	945 €
HLA-A*0201 Monomer	100 ug	945 €
H-2 Kb Tetramer	50 tests	945 €

All tetramers are available with FITC labeled anti-CD8 monoclonal antibodies. We provide both human and mouse FITC-labeled anti-CD8 monoclonal antibodies.

Custom Peptide Synthesis

All our available and custom made tetramers are made with in-house synthesised peptides with a purity of >80% purity, available in 2-5 mg quantities. Up to 3 peptides can be ordered together with your order of tetramers and are delivered lyophilised. This special discount is only valid for combined purchase orders including a tetramer or monomer. For other peptides, please refer to the standard price list for custom peptide synthesis.

Peptide (> 80%, HPLC, MS)	5-10 mg	200 €
---------------------------	---------	-------

Technical Service

We support you with excellent technical service if you have any questions regarding MHC-technology and staining protocols. Please contact us with your questions on

E-mail: tetramer@orpegen.com and

Tel: +49 6221 9105 720 (direct), Fax: +49 6221 9105 10

ORPEGEN Pharma GmbH, Czernyring 22, D-69115 Heidelberg, Germany

Tel: +49 6221 9105 0; Fax: +49 6221 9105 10