

QuickSwitch™ Custom Tetramer Kits

Fast, High-Quality Creation of
New Tetramer Specificities

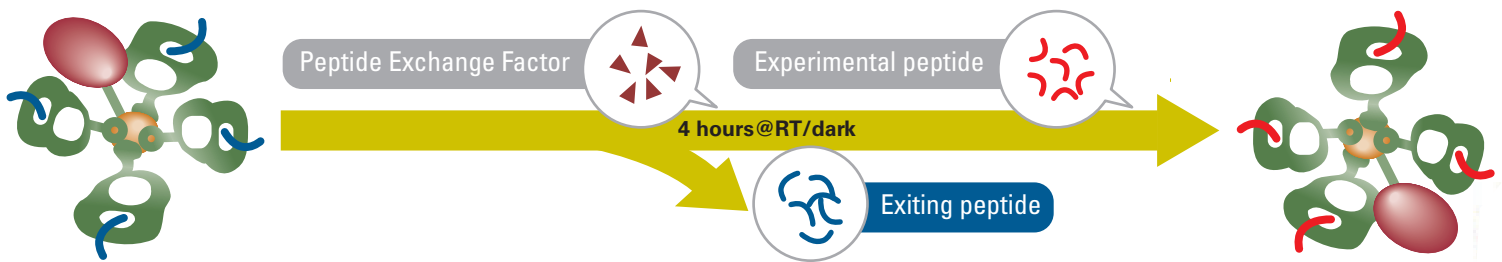
CREATE CUSTOM TETRAMERS IN 4 HOURS

QUANTIFY PEPTIDE EXCHANGE

NO UV OR TETRAMERIZATION REQUIRED

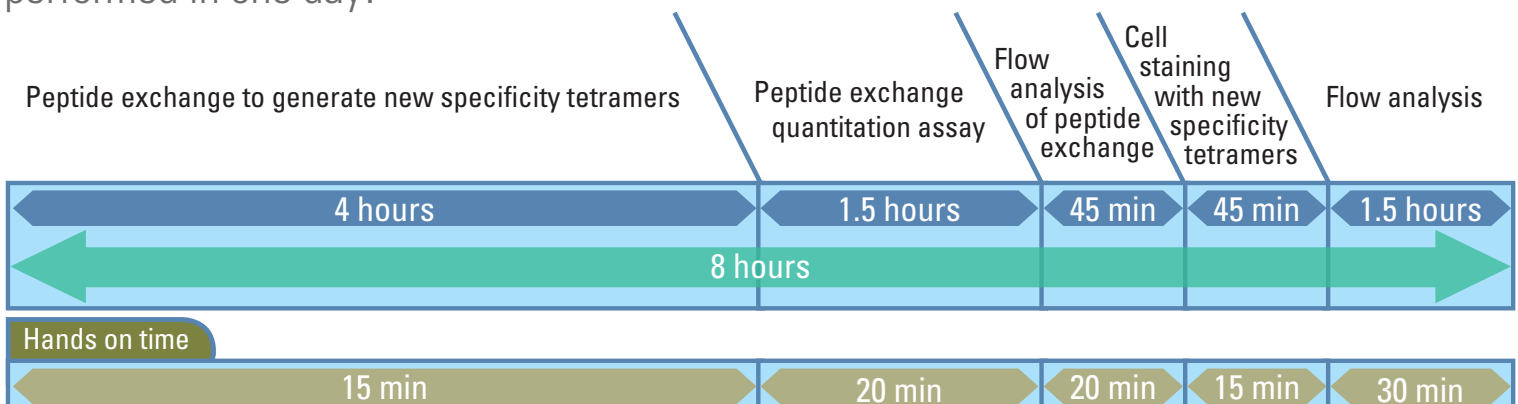
**SELECT READY-TO-USE TETRAMER IN PE,
APC, OR BV421**

**IDENTIFY ANTIGEN-SPECIFIC T CELLS TO
YOUR TARGETS OF INTEREST**

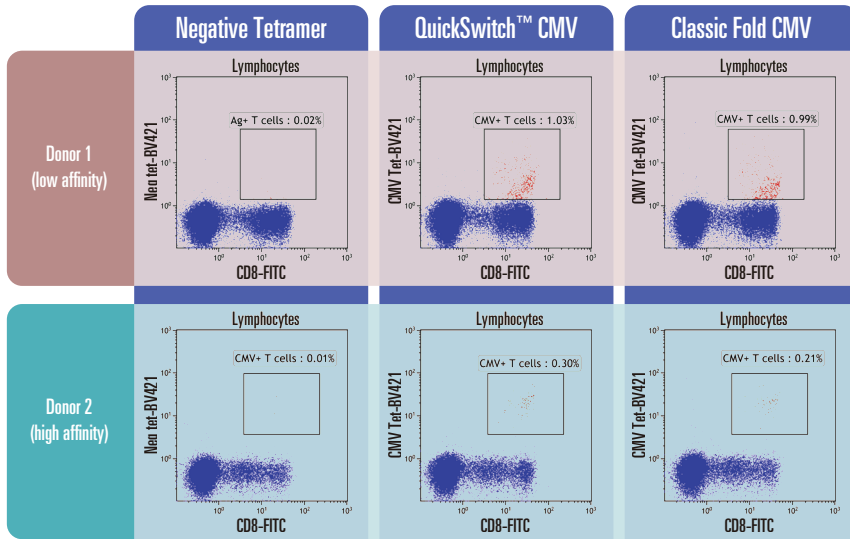


Rapid, high-quality creation of custom class I tetramers is now a reality! Create new specificity tetramers in just a few hours with QuickSwitch™, a proprietary technology for exchanging peptides on an MHC tetramer. The QuickSwitch™ Quant Tetramer Kit can quantify the exchange with the new peptide for epitope discovery and for verification that the resulting new specificity tetramer is suitable for cell staining. This kit is optimized for 10 peptide exchanges and multiple tests per resulting tetramer.

Peptide exchange, quantification, cell staining, and flow cytometry analysis can all be performed in one day!



QuickSwitch™ tetramers detect similar percentages of low and high affinity CMV responses in PBMCs as classically folded tetramers



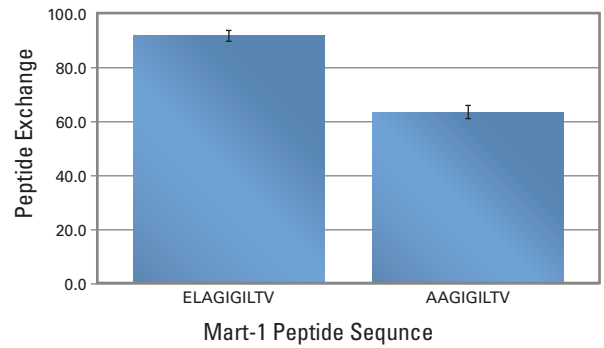
QuickSwitch™ Custom Tetramer

Alleles	Conjugates	Quantification
HLA-A*02:01, HLA-A*24:02, H-2 Kb	PE, APC, BV421	Quant and Non-Quant Version Available

Stock and Custom Peptides

- Stimulation assays
- Custom tetramer generation using QuickSwitch™ and QuickSwitch™ Quant Tetramer Kits
- Stock peptides or designated custom sequences available

QuickSwitch™ Quant Assay



QuickSwitch™ Quant Kit can be used to assess peptide exchange so that you can select peptides with appropriate affinities to make functional tetramers prior to cell staining. In a study where HLA-A*02:01 QuickSwitch™ tetramer was incubated for 4 hours with two Mart-1 related peptides at a final concentration of 20 μM in presence of peptide exchange factor #1, peptide exchange was correlated with the theoretical peptide affinity of each peptide towards HLA-A*02:01.

Flow Cytometry Antibodies and Reagents

- Over 1,200 Products
- Major targets such as CD3 Popular fluorophores available
- Antibodies, buffers, viability dyes, and more!

