

QuickSwitch™ Custom Tetramer Kits

Class I MHC Tetramers

Fast, High-Quality Creation of New MHC Tetramer Specificities

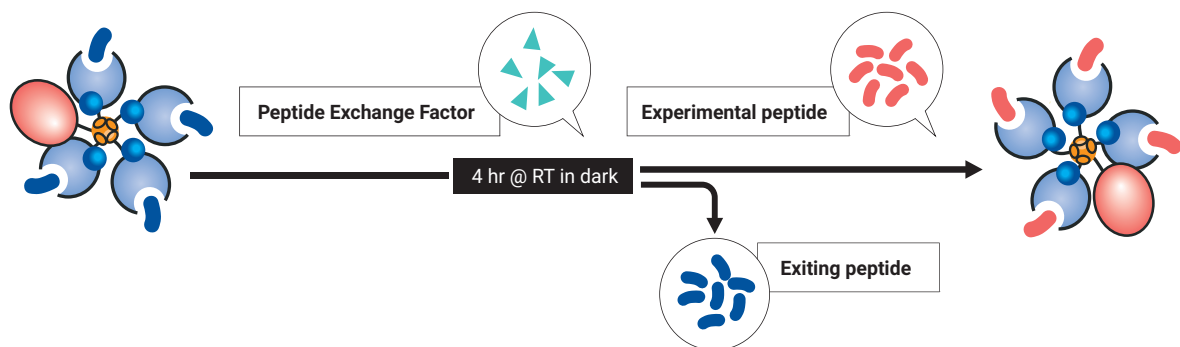
IDENTIFY ANTIGEN-SPECIFIC T CELLS TO YOUR TARGETS OF INTEREST

CREATE CUSTOM TETRAMERS IN 4 HOURS

NO UV OR TETRAMERIZATION REQUIRED

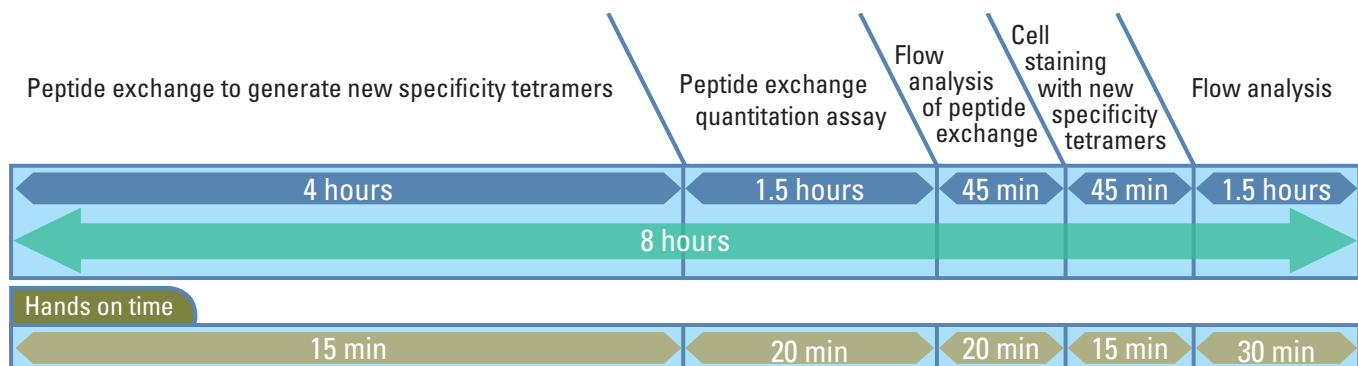
QUANTIFY PEPTIDE EXCHANGE

AVAILABLE IN PE, APC, OR BV421



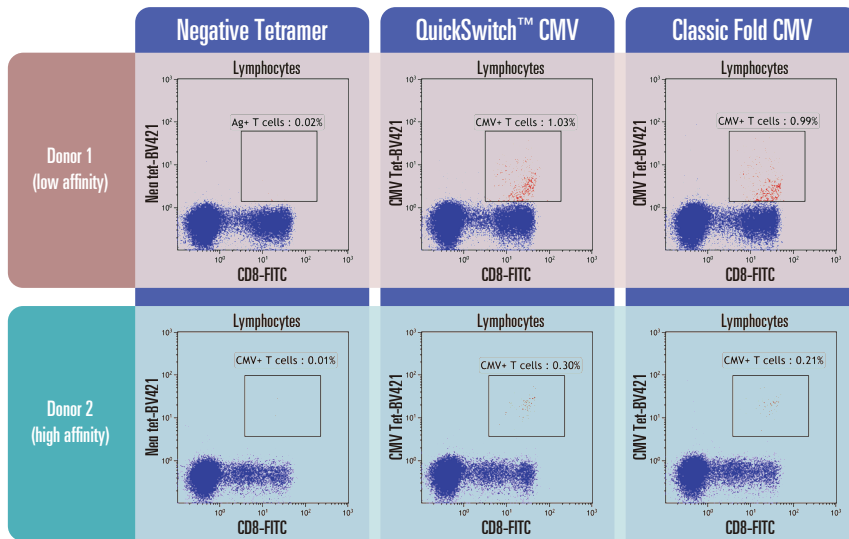
Create new specificity tetramers in just a few hours with QuickSwitch™, a proprietary technology for exchanging peptides on an MHC tetramer. The QuickSwitch™ Quant Tetramer Kit can quantify the exchange with the new peptide for epitope discovery and verifying the resulting new specificity tetramer is suitable for cell staining. This kit is optimized for 10 peptide exchanges and multiple tests per resulting tetramer.

Perform peptide exchange, quantification, cell staining, and flow cytometry analysis in 1 day!

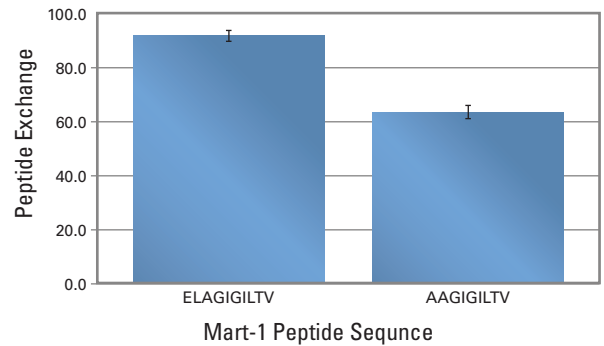


For Research Use Only. Not for use in diagnostic procedures.

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



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.

QuickSwitch™ Custom Tetramer

Alleles	Conjugates	Quantification
HLA-A*02:01, HLA-A*03:01, HLA-A*11:01, HLA-A*24:02, H-2 Kb	PE, APC, BV421	Quant Available

Stock and Custom Peptides

- Use for stimulation assays
- Custom tetramer generation using QuickSwitch™ Quant Tetramer Kits
- Stock peptides or designated custom sequences available

Flow Cytometry Antibodies and Reagents

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

