

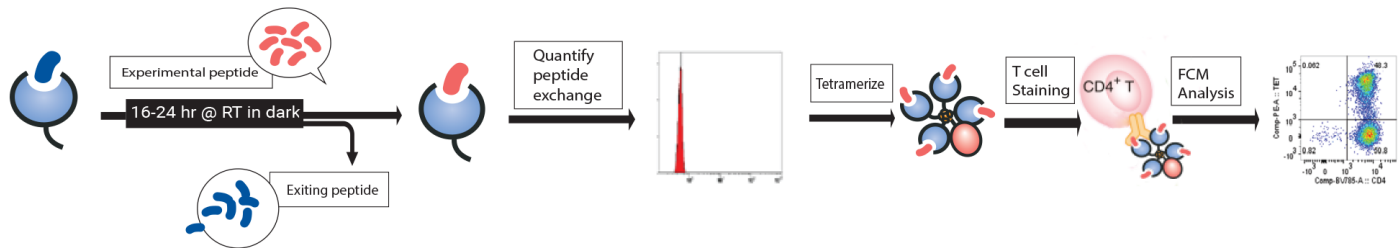
QuickSwitch™ Custom Tetramer Kits

Class II MHC Tetramers

Fast, High-Quality Creation of New MHC Tetramer Specificities

Custom Class II MHC Tetramers: Peptide exchange, quantify, cell staining, & FCM analysis all in your own lab!

Steps for custom Class II MHC Tetramer creation



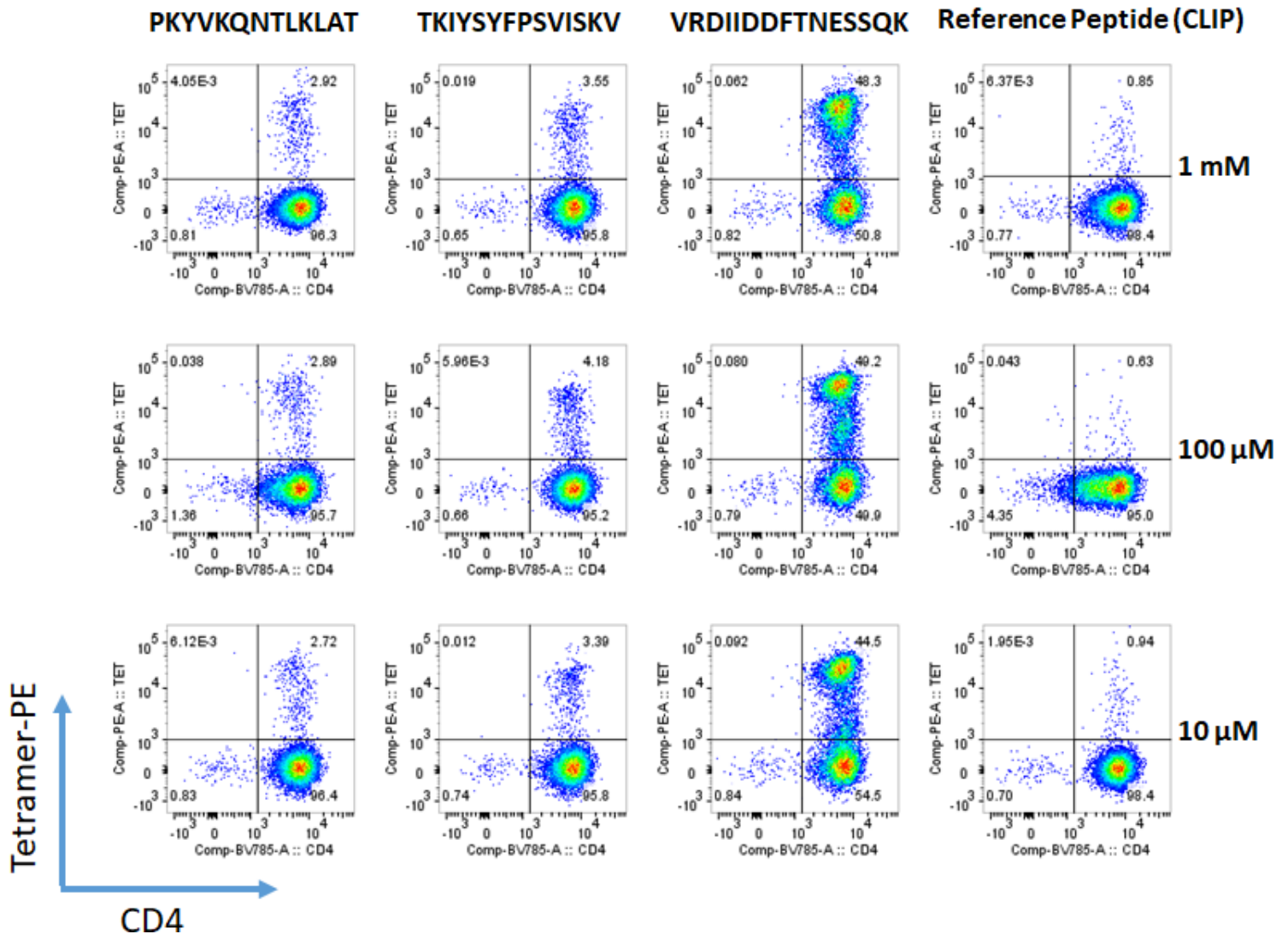
Peptide exchange to generate new specificity monomers	Peptide exchange quantitation assay	Flow analysis of peptide exchange	Tetramerization of monomers & Cell staining with new specificity tetramers	Flow analysis
16h - 24 hours	1.5 hours	45 min	1h-3 hours	30 min
Hands on time				
15 min	20 min	20 min	15 min & 25 min	5 min

*Total assay time is dependent on allele version of QuickSwitch kit. Please see manual for exact details.

The QuickSwitch™ Quant Tetramer Kit for Class II MHCs quantifies the exchange of your peptides of interest for epitope discovery, vaccine design, and immune monitoring. Verify the newly created specificity tetramer for cell staining and functional analysis. This kit is optimized for 10 peptide exchanges and multiple tests per resulting tetramer.

QuickSwitch™ Custom Tetramer- Class II

Alleles	Conjugates	Quantification
HLA-DRB1*01:01, HLA-DRB1*04:01, HLA-DRB1*15:01,	PE, APC, BV421	Quant Available

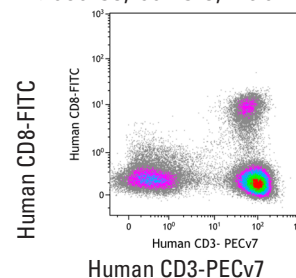


Stock and Custom Peptides

- 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!



Rev. 0

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