

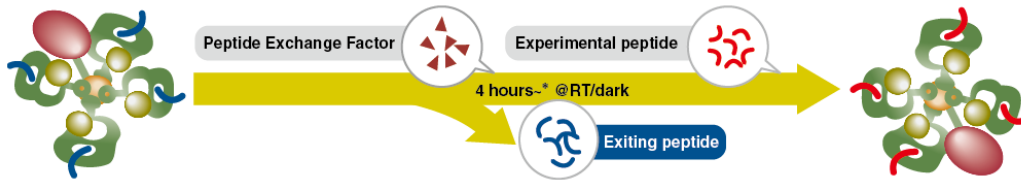
MBL QuickSwitch™ Custom Tetramer Kits



MBL QuickSwitch™ Custom Tetramer Kits are kits for preparation of custom tetramers in the laboratory using our proprietary peptide exchange technology.

Key Features

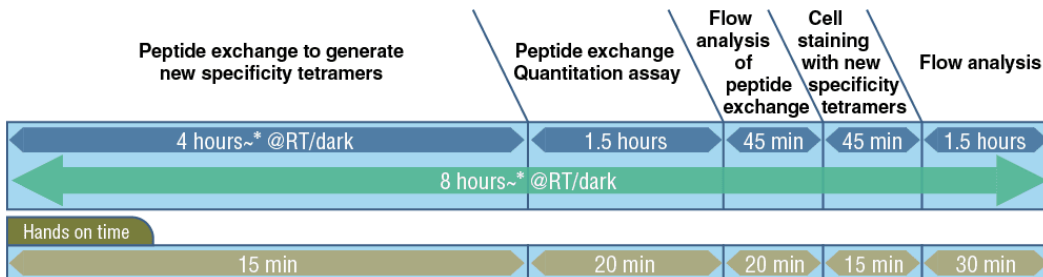
- Prepare custom tetramers in 4 hours
- No UV lamp or special instrument required
- Quantify peptide exchange efficiency
- Select ready-to-use tetramer in PE, APC, or BV421



MHC tetramers in QuickSwitch™ Custom Tetramer Kits are pre-bound with "exiting peptide" (shown in blue) to maintain structural integrity. Exchange of the exiting peptide with experimental peptide (shown in red) is initiated upon addition of the experimental peptide and a peptide-exchange factor (reaction time is 4 hours~*). The efficiency of peptide exchange depends on the sequence of the experimental peptide. QuickSwitch™ Quant Tetramer Kits contain reagents for determination of the peptide exchange efficiency.

QuickSwitch™ Full Product List 👍

General Workflow



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

QuickSwitch™ Quant Tetramer Kit Starter Guide 📖

Find out more at [MBL website for FAQs](#)

1. [How many peptides can be exchanged and how many samples can be performed using 1 kit?](#)
2. [What is the peptide concentration and purification needed for each antigen?](#)
3. [How should I design the higher affinity peptide for peptide exchange using QuickSwitch™? What is the best size of peptide sequence to use? Is there any specific requirement or limitation for peptide purity?](#)

FAQs →

Stay tuned for more updates and product information in our upcoming newsletters!
Thank you for choosing MBL for your biological research needs.

For research use only. Not for use in diagnostic or therapeutic procedures. The information is as of January 2025. Please contact us for the latest information. Please read the data sheets carefully before use

Please see the link below for the policy regarding the handling of personal information.

<https://www.mblbio.com/e/privacy/>

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