

**Products** U-Load® MHC II, cat# U-LXXXM

**Recommended use** U-Load® MHC II is a peptide loadable MHC II monomer. U-Load® MHC II can be used to generate MHC-peptide monomers with your own peptide of choice.  
The U-Load® MHC II-peptide monomers can be attached to U-load Dextramer® or U-Load dCODE Dextramer® to make U-Load Dextramer® MHC II or U-Load dCODE Dextramer® MHC II reagents for analysis of antigen-specific CD4<sup>+</sup> T cells by flow cytometry, PCR/NGS, or single cell multi-omics analysis.

For research use only. Not for use in diagnostic or therapeutic procedures.

- Reagents provided**
- U-Load® MHC II: 16.6 µM peptide-loadable MHC II monomers consisting of peptide receptive, biotinylated U-Load® MHC II monomers provided in PBS, 15 mM NaN<sub>3</sub>. Each U-Load® MHC II is uniquely identified by the allele, e.g., U-Load® MHC II HLA-DRB1\*0101.
  - U-Load® MHC II Loading Buffer: Phosphate Buffer, pH 5.9.
  - U-Load® MHC II Peptide Loading Component: Lyophilized peptide loading reagent.

**Sizes**

Tests	Content		
	U-Load® MHC II	U-Load® MHC II Loading Buffer	U-Load® MHC II Peptide Loading Component
50	1 vial (25 µL)	1 vial (1 mL)	1 vial (5 mg)
150	1 vial (75 µL)	1 vial (1 mL)	1 vial (5 mg)
500	1 vial (250 µL)	1 vial (1 mL)	1 vial (5 mg)

**Storage** Store at -80°C. Avoid repeat freeze-thaw cycles.

**Precautions** Contains sodium azide (NaN<sub>3</sub>), a chemical highly toxic in pure form. At product concentrations, though not classified as hazardous, sodium azide may react with lead and copper, plumbing to form highly explosive build-ups of metal azides. Upon disposal, flush with large volumes of water to prevent metal azide build-up in plumbing.

**Recommended protocols** See "Protocol for preparation and loading of U-Load® MHC II-peptide monomer onto U-Load Dextramer®" and "MHC Dextramer® staining protocol" ([www.immudex.com/resources/protocols/](http://www.immudex.com/resources/protocols/)).

**Symbols** See [www.immudex.com/symbols](http://www.immudex.com/symbols)

**Technical support** E-mail: [customer@immudex.com](mailto:customer@immudex.com)  
Telephone: +45 3110 9292 (Denmark)

**Manufacturer** Immudex, Bredevej 2A, DK-2830 Virum, Denmark