

**Product** U-Load Dextramer®, cat# U-LXX

**Recommended use** U-Load Dextramer® is a fluorescent dextran backbone optimized for attachment of MHC-peptide monomers. U-Load Dextramer® is used in combination with easYmers® or U-Load® MHC II to generate U-Load Dextramer® MHC reagents that can be used for detection of antigen-specific T cells using flow cytometry (PE, APC, FITC).

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

- Reagents provided**
- U-Load Dextramer®: Fluorescent (PE, APC, FITC) dextran backbone or without fluorochrome (NONE)
  - U-Load Dextramer® Dilution buffer: PBS, 0.5% BSA, 7.5 mM NaN<sub>3</sub>, pH 7

**Sizes**

Tests	Content	
	U-Load Dextramer®	U-Load Dextramer® Dilution Buffer
20	1 vial (40 µL)	1 vial (2 mL)
50	1 vial (100 µL)	1 vial (2 mL)
150	1 vial (300 µL)	1 vial (2 mL)
500	1 vial (1000 µL)	2 vials (2 mL)

**Storage** U-Load Dextramer® reagents should be stored in the dark at 2-8°C – the plastic vial only partially protects the reagents against light.

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

MHC II: 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)

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