

Product	U-Load Dextramer® Kit [Human MHC I allele]	Cat. No. U-LXXX [fluorochrome][size]
	U-Load Dextramer® [fluorochrome]	Cat. No. U-LDEX [fluorochrome][500T]

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, ensuring the antigen-specific binding of TCR on CD8+ T cells and visualization, respectively.

Recommended use U-Load Dextramer® MHC I is recommended for antigen-specific identification, enumeration, and analysis of CD8+ T cells using flow cytometry.

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

- Reagents provided**
- U-Load Dextramer® Kit and U-Load Dextramer® is available with the following fluorochromes: BV421, FITC [FI], PE, APC [AP], or without fluorochrome [NO].
 - U-Load Dextramer® FITC, PE, APC, and NONE are provided in aqueous buffer, containing 1% bovine serum albumin (BSA) and 15 mM NaN₃, pH 7.2.
 - U-Load Dextramer® BV421 is provided in an aqueous buffer containing 0.1% NaN₃, pH 7.2.
 - U-Load Dextramer® Dilution buffer: PBS, 0.5% BSA, 7.5 mM NaN₃, 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 (NaN₃), 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/).

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/).

Symbols	See www.immudex.com/symbols
Technical support	E-mail: customer@immudex.com Telephone: +45 3110 9292 (Denmark)
Manufacturer	Immudex, Bredevej 2A, DK-2830 Virum, Denmark
Trademarks	BV421 is equivalent to Brilliant Violet™ 421, which is a trademark or registered trademark of Becton, Dickinson and Company or its affiliates, and is used under license. Powered by BD Innovation.
Label License	U-Load Dextramer® with BV421 is provided under an intellectual property license from Becton, Dickinson and Company. The purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). The sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in activity to generate revenue including (a) in manufacturing other than limited to quality control; (b) for therapeutic, diagnostic or prophylactic purposes; or (c) for resale, regardless of whether they are resold for use in research. For information on purchasing a license to this product for purposes other than research, contact Becton, Dickinson and Company, 10975 Torreyana Road, San Diego, California 92121 USA or bdblicensing@bd.com .