

Product	<p>[MHC allele] / Peptide pool, Neg. Control / [fluorochrome] [size] Cat. No. Wxxxxxx / Jxxxxxx</p> <p>MHC Dextramer® Peptide pool Neg. Control reagents consist of a dextran polymer backbone carrying fluorochrome molecules and multiple human MHC-peptide monomers. The MHC-peptide monomers are produced with peptide pools of enormous diversity allowing each MHC monomer to display a different peptide. Each Peptide pool Negative Control Dextramer® molecule is composed of a unique set of MHC-peptide monomers.</p> <p>MHC Dextramer® are available with the following fluorochromes: APC [AP], BV421, FITC [FI], PE, or without fluorochrome (NONE [NO]).</p> <p>MHC Dextramer® are available in the following sizes: 15, 50, 150, 500, 1000 tests.</p>
Recommended use	<p>MHC Dextramer® Peptide pool Neg. Control are recommended for use as allele-specific negative controls in flow cytometry to help set the threshold between background- and antigen-specific T Cell staining.</p> <p>For research use only. Not for use in diagnostic or therapeutic procedures.</p>
Reagents provided	<p>MHC Dextramer® is provided in buffer containing 1% bovine serum albumin (BSA) and 15 mM NaN₃, 0.05 M Tris/HCl pH 7.2.</p> <p>MHC Dextramer® is provided in vials containing 50 tests (0.5 mL) and/or vials containing 150 tests (1.5 mL).</p>
Concentration	32 nM
Vials	The product is provided in 2 mL plastic vials with screw caps.
Storage	Store in the dark at 2-8 °C.
Expected Shelf-life	See immudex.com/FAQs .
Quality Control	Production of MHC Dextramer® Peptide pool Neg. Control includes multiple in-process quality control checks (see immudex.com/resources/quality).
Precautions	<p>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.</p> <p>As with any product derived from biological sources, proper handling procedures should be used.</p> <p>For professional users.</p>
Recommended protocols	Recommended use is 10 µL of MHC Dextramer® Peptide pool Neg. Control per test. 1 test (10 µL) corresponds to the volume recommended to stain 1-3 million PBMCs.

See "MHC Dextramer® Staining Protocol"
(immudex.com/resources/protocols).

SDS	Immudex's products and components are classified as non-hazardous and therefore a Safety Data Sheet (SDS) is not required – please read our Non-hazard Classification Statement at immudex.com/resources/safety-documentation .
Symbols	See immudex.com/symbols .
Technical support	E-mail: customer@immudex.com Telephone: +45 3110 9292 (Denmark), +1 (215) 931-9627 (US).
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.
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