

Product	<p>hMR1 / 5-OP-RU / [fluorochrome] Cat. No. ZA08004 [fluorochrome] [size] hMR1 / 6-FP / [fluorochrome] Cat. No. ZA08003 [fluorochrome] [size]</p> <p>MR1 Dextramer® reagents consist of a polymer backbone carrying an optimized number of human MR1 (hMR1), ligand and fluorochrome molecules, ensuring the antigen-specific binding of TCR on MAIT cells and visualization, respectively.</p> <p>MR1 Dextramer® is available with the following fluorochromes: BV421, FITC [FI], PE, APC [AP], or without fluorochrome [NO].</p> <p>MR1 Dextramer® is available in the following sizes: 50, 150, 500, 1000 tests.</p>
Recommended use	<p>MR1 Dextramer® is recommended for antigen-specific identification, enumeration, and analysis of MAIT cells using flow cytometry. hMR1 / 5-OP-RU / [fluorochrome] is specifically recognized by MAIT cells TCR, hMR1 / 6-FP / [fluorochrome] can be used as negative control.</p> <p>For research use only. Not for use in diagnostic or therapeutic procedures.</p>
Reagents provided	<p>MR1 Dextramer® FITC, PE, APC, BV421 and NO are provided in aqueous buffer containing 1% bovine serum albumin (BSA) and 15 mM NaN₃, pH 7.2.</p> <p>MR1 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 MR1 Dextramer® 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 MR1 Dextramer® 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 (703) 766 4688 (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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