Product Datasheet

Imm-Link (TM) KLH (Amine) Immunogen labeling Kit 450-0500

Unit Size: 3 x 2mg Reaction

Store at -20C.

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Publications: 1

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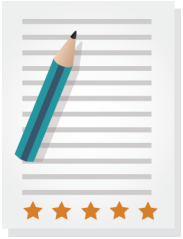
Updated 2/13/2020 v.20.1



450-0500

Imm-Link (TM) KLH (Amine) Immunogen labeling Kit

Product Information

Unit Size	3 x 2mg Reaction
Concentration	Concentration is not relevant for this product. Please see the protocols for proper use of this product.
Storage	Store at -20C.
Buffer	

Product Description

Description	BSA, Ovalbumin or Keyhole Limpet Hemocyanin (KLH) stimulate a large immune response and are typically used as carrier proteins to generate antibodies against small antigens (peptides or organic compounds). For success the antigen (normally referred to as a hapten) needs to be covalently linked to the carrier protein. The imm-Link amine conjugation kit allows amine containing haptens to be conjugated to a carrier protein simply by adding a solution of the hapten to a proprietary lyophilised mixture containing the carrier protein and all the required conjugation chemistry. The hands-on time to set up the conjugation reaction is typically 20-30 seconds. Following successful conjugation the conjugate is dialysed in the supplied dialysis cartridge to remove unwanted by products. The hapten conjugate can then be easily recovered and used. **Immunogen Kit** Amine **Target Functional Groups** Lysines or free amines NH2 **Features:** • Easy to use • All components supplied • Wide range of chemistries • Hands on time to set up conjugation reaction is 20-30 seconds • Supplied dialysis cartridge ensures conjugates are recovered in high yield • Full technical support available
Kit Components	1 or 3 glass vial(s) of Imm-Link mix, 1 or 3 vial(s) of Imm-Link Amine Modifier reagent, 1 or 3 dialysis cartridge(s), 1 or 3 250 ml bottle(s) of 10x dialysis buffer
Notes	Imm-Link® is a registered trademark of Expedeon Inc. and distributed by Novus Biologicals.

Product Application Details

Application Notes	Upon dissolution of the Imm-Link mixture, proprietary chemicals in the mixture become activated, resulting in the coupling of the hapten to the carrier protein in a gentle and controlled process. The hands-on time to set up the conjugation reaction is typically 20-30 seconds

Publications

Gurale BP, He Y, Cui X et al. Bioconjugate Chemistry: Towards the Development of next generation of Rapid Diagnostic Test: Synthesis of Glycophosphatidylinositol (GPI) analogues of Plasmodium falciparum and immunological characterization. Bioconjug Chem 2016-12-21 [PMID: 27792303] (Rabbits)

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Limitations
This product is for research use only and is not approved for use in humans or in clinical diagnosis. Kits are guaranteed for 6 months from date of receipt.

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