

Product Datasheet

Imm-Link (TM) KLH (Carboxyl) Immunogen labeling Kit 470-0001

Unit Size: 1 x 2mg Reaction

Store at -20C.

www.novusbio.com



technical@novusbio.com

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470-0001**Imm-Link (TM) KLH (Carboxyl) Immunogen labeling Kit**

Product Information	
Unit Size	1 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.

Product Description	
Description	<p>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.</p> <p>The imm-Link carboxyl conjugation kit allows carboxyl 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.</p> <p>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.</p> <p>Immunogen Kit Carboxyl Target Functional Groups Glutamic Acid, Aspartic Acid or free carboxyl groups</p> <p>Features:</p> <ul style="list-style-type: none"> • 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 Carboxyl 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

Geadkaew A, von Bulow J, Beitz E et al. Bi-functionality of Opisthorchis viverrini aquaporins. Biochimie 2014-01-01 [PMID: 25461277]





Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

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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