

Datasheet: LNK021RPE BATCH NUMBER 163819

| Description | | | | | | |
|--|--|--|--|---|---|------------------------|
| Description: | LYNX RAPID R | PE ANTIBC | DY CON | JUGATION KIT | | |
| Name: | RPE CONJUGA | ATION KIT | | | | |
| Format: | Kit | | | | | |
| Product Type: | Conjugation Kit | | | | | |
| Quantity: | 1 CONJUGATIO | DN for 60µg | antibody | | | |
| | | | | | | |
| Product Details | | | | | | |
| Applications | This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit <u>www.bio-</u> | | | | | |
| | | | | | | |
| | | | | | | rad-antibodies.com/pro |
| | | Yes | No | Not Determined | Suggested Dilution | |
| | Conjugation | - | | | | |
| | pre-prepared lyophilized mixture containing R-Phycoerythrin (RPE) label to an antibody o protein. Activation of proprietary reagents within the antibody-label solution results in directional covalent bonding of RPE to the antibody. | | | | | |
| | directional covalent bc | onding of RF | PE to the | antibody. | | |
| | directional covalent bo The LYNX Rapid Conj antibody/protein at nea antibody recovery. | ugation kit® | ົ can be ເ | used to label small qu | antities of | |
| Reagents In The Kit | The LYNX Rapid Conj antibody/protein at nea | ugation kit® ar neutral pl lyophilized l eagent | ີ can be ເ H, allowin | used to label small qu | antities of | |
| Reagents In The Kit Preparing The Antibody | The LYNX Rapid Conj antibody/protein at nea antibody recovery. 1 Vial of 100ug LYNX 1 Vial LYNX Modifier r | ugation kit® ar neutral pl lyophilized l eagent r reagent |) can be u H, allowin RPE mix | used to label small qu g a high conjugation | antities of efficiency with 100% | |
| Preparing The | The LYNX Rapid Conj antibody/protein at nea antibody recovery. 1 Vial of 100ug LYNX 1 Vial LYNX Modifier r 1 Vial LYNX Quencher The following buffer so | ugation kit® ar neutral pl lyophilized l eagent r reagent plutions are puffer (e.g H |) can be u H, allowin RPE mix recomme | used to label small qu g a high conjugation ended for preparing the IES, MOPS and phose | antities of efficiency with 100% ne antibody: sphate) pH range 6.5-8.5, | |
| Preparing The | The LYNX Rapid Conj antibody/protein at nea antibody recovery. 1 Vial of 100ug LYNX 1 Vial LYNX Modifier r 1 Vial LYNX Quencher The following buffer so 10-50mM amine-free b | ugation kit® ar neutral pl lyophilized l eagent r reagent olutions are ouffer (e.g H ncentrations | e can be u H, allowin RPE mix recomme IEPES, M s of Tris b ining nuc | used to label small qu g a high conjugation ended for preparing th IES, MOPS and phos uffer (<20mM) may b | antities of efficiency with 100% ne antibody: sphate) pH range 6.5-8.5, re tolerated. hts such as primary | |

| | chemicals . Azide (0.02-0.1%), EDTA, up to 50% Glycerol and common non-buffering salts and sugars have little or no effect on conjugation efficiency. |
|----------------------|---|
| | Due to the large size of RPE (240kDa), it is recommended that 50-60ug of antibody be used for every 100ug RPE, to ensure a slight RPE molar excess. For optimal results the antibody should be at a concentration of 1mg/ml, with a maximum volume of 60ul and a maximum antibody amount of 60ug. Antibody at a concentration of greater than 1mg/ml requires dilution. Antibody below 1mg/ml can still be used as long as the maximum volume is not exceeded. Using less than the recommended amount of antibody may result in unbound label, but this will be removed during subsequent application wash steps. Antibody below 0.5mg/ml should be concentrated before use with the kit. |
| Instructions For Use | 1. To the antibody sample add 1ul of the Modifier reagent for every 10ul of antibody and mix gently. |
| | 2. Pipette the mixed antibody-modifier sample directly onto the LYNX lyophilized mix and gently pipette up and down twice to resuspend. |
| | 3. Replace cap onto vial and incubate in the dark at room temperature (20-25 ^o C) for 3 hours, or overnight if preferred. |
| | 4. After incubation, add 1ul of Quencher reagent for every 10ul of antibody used. Leave to stand for 30 minutes before use. |
| References | Li, X. <i>et al.</i> (2010) Design of a potent CD1d-binding NKT cell ligand as a vaccine adjuvant. Proc Natl Acad Sci U S A. 107: 13010-5. Campbell, J.E. <i>et al.</i> (2010) Cellular regulation of blood coagulation: a model for venous stasis. Blood. 116: 6082-91. Tighe, R.M. <i>et al.</i> (2011) Ozone Inhalation Promotes CX3CR1-Dependent Maturation of Resident Lung Macrophages That Limit Oxidative Stress and Inflammation. J Immunol. 187: 4800-8. Dutertre, C.A. <i>et al.</i> (2008) A novel subset of NK cells expressing high levels of inhibitory FcgammaRIIB modulating antibody-dependent function. J Leukoc Biol. 84: 1511-20. Wielgosz, M.M. <i>et al.</i> (2015) Generation of a lentiviral vector producer cell clone for human Wiskott-Aldrich syndrome gene therapy. Mol Ther Methods Clin Dev. 2: 14063. Hofer, C.C. <i>et al.</i> (2015) Infection of Mice with Influenza A/WSN/33 (H1N1) Virus Alters Alveolar Type II Cell Phenotype. Am J Physiol Lung Cell Mol Physiol. ajplung.00373.2014. Welinder, C. <i>et al.</i> (2015) Cytokeratin 20 improves the detection of circulating tumor cells in patients with colorectal cancer. Cancer Lett. 358:43-6. Shive, C.L. <i>et al.</i> (2016) RAGE-mediated inflammation in patients with septic shock. J Surg Res. 202 (2): 315-27. Attatippaholkun, N. <i>et al.</i> (2017) Dengue Virus and Its Relation to Human Glycoprotein |

| 12 months from date of despatch Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials or data made using this product, or its components to a third party. Further information on purchasing licenses for diagnostic and other uses may be obtained by contacting Bio-Rad at. Endeavour House, Langford Business Park, Langford Lane, Kidlington, Oxon. OX5 1GE UNITED KINGDOM. Tel: +44 1865 852 700. E-mail: antibodies@bio-rad.com For research purposes only Tel: +44 (0)1865 852 709 Europe Tel: +49 (0) 89 8090 95 21 Fax: +49 (0) 89 8090 95 21 Fax: 510 Fax: +44 (0)1865 852 739 Email: antibody_sales_uk@bio-rad.com Email: antibody_sales_uk@bio-rad.com |
|--|
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials or data made using this product, or its components to a third party. Further information on purchasing licenses for diagnostic and other uses may be obtained by contacting Bio-Rac at. Endeavour House, Langford Business Park, Langford Lane, Kidlington, Oxon. OX5 1GE UNITED KINGDOM. Tel: +44 1865 852 700. E-mail: antibodies@bio-rad.com For research purposes only For research purposes only Fax: +44 (0)1865 852 739 Tel: +49 (0) 89 8090 95 21 Fax: +44 (0)1865 852 739 Tel: +49 (0) 89 8090 95 21 |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials of data made using this product, or its components to a third party. Further information on purchasing licenses for diagnostic and other uses may be obtained by contacting Bio-Rad at. Endeavour House, Langford Business Park, Langford Lane, Kidlington, Oxon. OX5 1GE UNITED KINGDOM. Tel: +44 1865 852 700. E-mail: antibodies@bio-rad.com |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials of data made using this product, or its components to a third party. Further information on purchasing licenses for diagnostic and other uses may be obtained by contacting Bio-Rad at. Endeavour House, Langford Business Park, Langford Lane, Kidlington, Oxon. OX5 |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials of data made using this product, or its components to a third party. Further information on |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The purchaser cannot sell or otherwise transfer this product, or its components, or materials or |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to use the product to make conjugates for research and development purposes only. The |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable right (without the right to resell repackage or further sublicense) under these patents to |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United Kingdom patent number 2446088 and associated international patent applications. The purchase of this product conveys to the buyer the limited, non exclusive non-transferable |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: <u>https://www.bio-rad-antibodies.com/SDS/LNK021RPE</u> Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) These products and the methodology of conjugation are patent protected under United |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: <u>https://www.bio-rad-antibodies.com/SDS/LNK021RPE</u> Lyophilized RPE Mix (10531) Modifier Reagent (10546) Quencher Reagent (10548) |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) Modifier Reagent (10546) |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK021RPE Lyophilized RPE Mix (10531) |
| Material Safety Datasheet documentation #10531 #10546 #10548 available at: |
| |
| 12 months from date of despatch |
| |
| reach room temperature to minimize condensation. |
| undiluted. Avoid repeated freezing and thawing. Before opening, allow the components to |
| Storage in frost-free freezers is not recommended. This product should be stored |
| receipt, Bio-Rad recommend that the kit is stored at -20°C and protected from moisture. |
| is shipped under ambient conditions with silica packets to avoid exposure to moisture. Or |
| This kit contains lyophilized hygroscopic components that are moisture-sensitive. This kit |
| oncogenic avian herpesvirus. <u>mBio. 15 (8): e0031524.</u> |
| 14. Sabsabi, M.A. <i>et al.</i> (2024) Unraveling the role of γδ T cells in the pathogenesis of an |
| Haach, V. et al. (2023) A polyvalent virosomal influenza vaccine induces broad cellula and humoral immunity in pigs. <u>Virol J. 20 (1): 181.</u> |
| Cytometry-Based Differential Blood Count. <u>Microbiol Spectr. 11 (4): e0435122.</u> |
| 12. Jax, E. et al. (2023) Evaluating Effects of AIV Infection Status on Ducks Using a Flow |
| and detergent lysis. J Extracell Vesicles. 11 (4): e12200. |
| flow cytometry can be confounded by lipoproteins: Evaluations of annexin V, lactadherin, |
| 11. Botha, J. <i>et al.</i> (2022) Lipid-based strategies used to identify extracellular vesicles in |
| IIb/IIIa Revealed by Fluorescence Microscopy and Flow Cytometry. <u>Viral Immunol. 30 (9)</u> : 654-61. |
| |

© 2024 Bio-Rad Laboratories Inc | Legal | Imprint