

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.
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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
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