

Datasheet: LNK024RPE BATCH NUMBER 164990

Description:	LYNX RAPID R	PE ANTIBO	DY CONJ	IUGATION KIT		
Name:	RPE CONJUGA	TION KIT				
Format:	Kit					
Product Type:	Conjugation Kit					
Quantity:	3 CONJUGATIO	DNS for 10µ	g antibody	ý		
Product Details						
Applications	This product has been	reported to	work in th	ne following applicatio	ons. This information is	
	derived from testing w communications from information. For gener <u>rad-antibodies.com/pro</u>	the originato al protocol r	rs. Please	e refer to references i	ndicated for further	
	Conjugation	163	NO	Not Determined	Suggested Dilution	
	protein. Activation of proprietary reagents within the antibody-label solution results in directional covalent bonding of RPE to the antibody.					
	The LYNX Rapid Conjugation kit® can be used to label small quantities of antibody/protein at near neutral pH, allowing a high conjugation efficiency with 100% antibody recovery.					
Reagents In The Kit	3 Vials of 10ug LYNX 1 Vial LYNX Modifier r 1 Vial LYNX Quencher	eagent	PE mix			
Preparing The Antibody	The following buffer solutions are recommended for preparing the antibody:					
	10-50mM amine-free I although moderate co				ohate) pH range 6.5-8.5, e tolerated.	

	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), the quantity of RPE is in slight molar excess. Approximately 10ug of IgG will give a 1:1 molar ratio of antibody:RPE. For optimal results the antibody should be at a concentration of 1mg/ml, with a maximum volume of 10ul and a maximum antibody amount of 10ug. 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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Quencher Neagent (10340)
Modifier Reagent (10546) Quencher Reagent (10548)
Lyophilized RPE Mix (10531)
Material Safety Datasheet documentation #10531 #10546 #10548 available at: https://www.bio-rad-antibodies.com/SDS/LNK024RPE
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.
This kit contains lyophilized hygroscopic components that are moisture-sensitive. This kit is shipped under ambient conditions with silica packets to avoid exposure to moisture. Or
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