ReadiLink™ Protein Conjugation Stop Buffer

Catalog number: 5400
Unit size: 1 ml

Component	Storage	Amount
ReadiLink™ Protein Conjugation Stop Buffer	Refrigerated (2-8 °C)	1 vial (1 ml)

OVERVIEW

ReadiLink™ Protein Conjugation Stop Buffer is used to stop the protein conjugation reactions that use succinimidyl ester, sulfonyl chloride or isothiocyanate. It can be used directly without dilution.

AT A GLANCE

Important Warm up ReadiLink™ protein conjugation stop buffer at room temperature before use.

SAMPLE EXPERIMENTAL PROTOCOL

1. Prepare your protein (antibody) conjugation reaction as needed.
2. Stop Conjugation reaction by adding ReadiLink™ protein conjugation stop buffer at 1:50 ratio (such as for a 100 µL conjugation reaction, add 2 µL ReadiLink™ protein conjugation stop buffer).
3. Incubate at room temperature for 10 minutes.
4. The labeled protein (antibody) is now ready to use.

   Note It is not necessary to purify conjugated proteins (antibodies) with a column after the conjugation reaction is stopped with ReadiLink™ protein conjugation stop buffer if the conjugation is used within 1 month.

   Note For long term storage, it is recommended purifying the conjugated proteins (antibodies) with desalting column. And the protein conjugate should be stored at > 0.5 mg/mL in the presence of a carrier protein (e.g., 0.1% bovine serum albumin). For longer storage, the protein conjugates could be lyophilized or divided into single-used aliquots and stored at ≤ –20°C.

EXAMPLE DATA ANALYSIS AND FIGURES

Figure 1.
Mechanism for bioconjugation of dye to a peptide using succinimidyl ester.

DISCLAIMER

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