Product datasheet

LINKBRIGHT™

Amine Oligonucleotide Conjugation kit

CPN420 / 435 / 475 / 510 / 510B / 580 / 610 / 680 / 770 / 830 / 900 / 1130

Overview

Stream Bio's LINKBRIGHT™ Amine Oligonucleotide Conjugation kit allows covalent linkage reactions to be readily carried out without access to specialist chemistry capabilities. The kit is designed to be specific for CPN - oligonucleotide linkage, has a rapid reaction time of 30mins and comes in three sizes for the conjugation of ~6nmole, ~18nmole and ~60nmole of oligonucleotide.

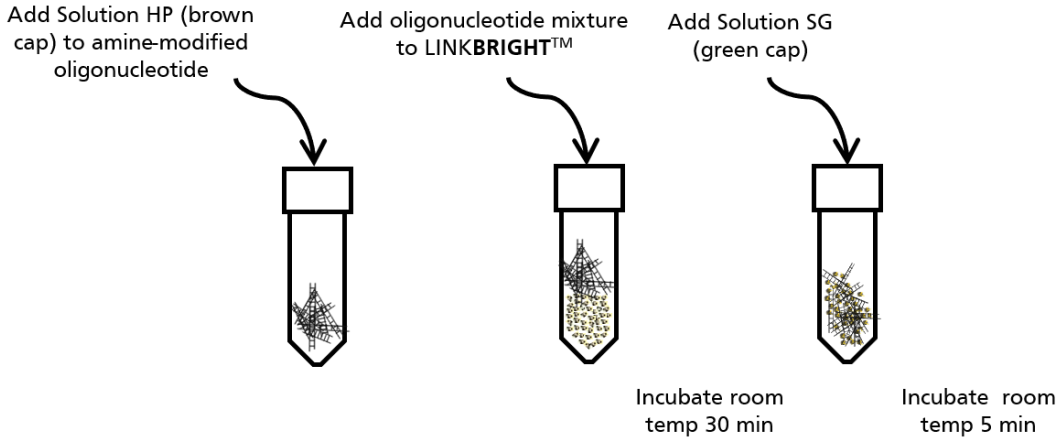
Notes:

1. 1x vial of CPN LINKBRIGHT™ (150 µl) is optimised for ~6 nmole of oligonucleotides
2. When stored as directed, the kit components are stable for at least 6 months.
3. The purified oligonucleotide must be in a buffer free of ammonium ions, primary amines, or sodium azide preservatives, as they will disrupt the linkage reaction with the CPNs™
4. If the oligonucleotide is in, or has been lyophilized from an unsuitable buffer (e.g. Tris or glycine) or purified with ammonium sulphate, the buffer needs to be replaced with HEPES.
5. Oligonucleotides can be purified and resuspended using standard methods, e.g. microdialysis or column separation.
6. For specific CPN wavelength details, refer to respective CPN product datasheet / SDS.

Kit contents and storage

Vial / cap colour	Item (colour coded)	Quantity			Storage
1. White*	(150µl) LINK**BRIGHT™ Amine**	1 vial	3 vials	10 vials	-20ºC
2. Brown	Solution HP (200µl)	1 vial	1 vial	1 vial	-20ºC
3. Green	Solution SG (200µl)	1 vial	1 vial	1 vial	-20ºC

Amine Oligonucleotide Conjugation



For illustrative purposes only - please refer to the conjugation manual / protocol

For Research Use Only. Not for use in diagnostic procedures.