

Amine Coupling Kit, type 2 Instructions for Use

Product description

Order code: BR-1006-33

Contents:
• N-Hydroxysuccinimide (NHS), 115 mg

• 1-Ethyl-3-(3-dimethylaminopropyl) carbodiimide

hydrochloride (EDC), 750 mg

• 1 M Ethanolamine hydrochloride-NaOH pH 8.5, 2 x 10.5 ml

Storage: +2 to 8°C

For use with: Biacore™ 4000, Biacore A100 and Biacore S51

Capacity: The kit contains reagents sufficient for approximately 60

immobilizations in Biacore S51, and 80 immobilizations in

Biacore 4000 and Biacore A100.

Safety: For use and handling of the product in a safe way, please refer

to the Safety Data Sheet.

Note: For in vitro use only.

Note: For other Biacore systems, use Amine Coupling Kit (BR-1000-50).

Description

Amine Coupling Kit, type 2 is designed to be used with carboxylated sensor surfaces from Cytiva. Ligands are coupled via primary amine groups to the sensor surface for subsequent analysis.

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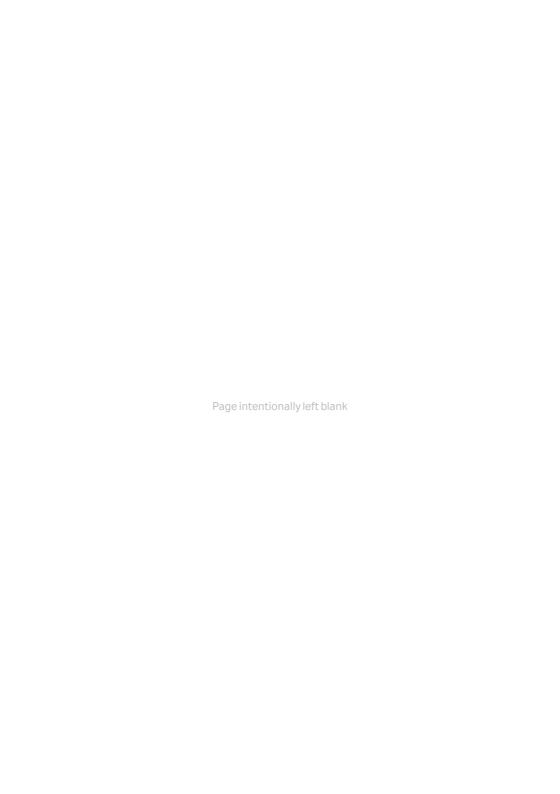
Reagent preparation

Step	Action
1	Dissolve the EDC and NHS by adding 10.0 ml of filtered, deionized water to each vial.
2	$Cap\ vials\ tightly\ and\ agitate\ until\ the\ solids\ are\ completely\ dissolved.$
3	Dispense EDC and NHS solutions separately in aliquots for storage.
4	Store the aliquots of EDC and NHS frozen at -18°C or below. Ethanolamine may be stored at +2 to 8°C.
	Note:
	Use aliquots within two months.
Note:	Suitable vials for preparing aliquots for storage and use directly in Biacore systems can be ordered from Cytiva, for example Plastic Vials, 7 mm (BR-

Handling

Step	Action
1	Thaw frozen aliquots and agitate them gently to make sure that the solutions are homogeneous.
2	Place the aliquots separately in the autosampler as instructed in the software.

1002-12) with snap caps (BR-1002-13).





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