dynamic heliX Plus Adapter Strand 2 no Fluorophore





dynamic heliX Plus Adapter Strand 2 no Fluorophore User **Manual**

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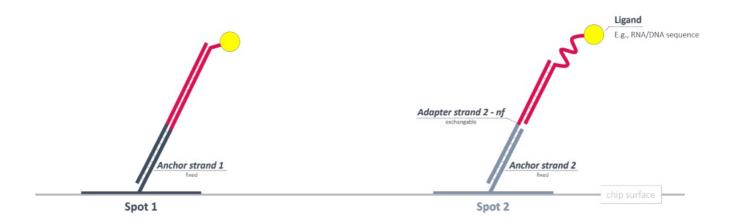


Key Features

- Adapter strand no fluorophore for functionalization of heliX® Adapter Chip Spot 2.
- Compatible with heliX® Adapter Chip.
- Includes Adapter strands for 50 regenerations.

heliX® Adapter Chip Overview

2 spots with 2 different anchor sequences for DNA-encoded addressing.



Product Description

• Order Number: AS-2-nf

Table 1. Contents and Storage Information

Material	Сар	Concentration	Amount	Buffer	Storage
Ligand strand 2 – no fluorophore	White	400 nM	5 x 100 μL	TE40 ^[1]	-20°C

- · For research use only.
- This product has a limited shelf life, please see the expiry date on label.
- To avoid many freeze-thaw cycles please aliquot the nanolever.

In-solution hybridization of adapter and ligand strands

- 1. Mix Ligand strand 2 no fluorophore (400 nM) and conjugated Ligand strand (500 nM) at 1:1 ratio (v/v). Example: The Ligand strand could have a DNA overhang and a fluorophore on top.
- 2. Incubate the solution of step 1 at RT at 600 rpm for 30 min to ensure complete hybridization.
- Solution is ready to use for biochip functionalization.
- Stability of the solution is related to the stability of the ligand molecule.

Table 2. Useful Products

Material	Content	Order No
DNA enzyme activity kit	Adapter strand 1 – nf already pre-hybridized to the Template - 32-P-Ra DNA strand for Spot 1	HK-EA-1
	cTemplate – Adapter strand 2 – nf already pre-hybridized to the Template-32-P-Ra DNA strand for Spot 2.	

Contact

Dynamic Biosensors GmbH

Perchtinger Str. 8/10 81379 Munich Germany

Dynamic Biosensors, Inc.

300 Trade Center, Suite 1400 Woburn, MA 01801 USA

Order Information

order@dynamic-biosensors.com

Technical Support

support@dynamic-biosensors.com

www.dynamic-biosensors.com

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[1] TE40: 10 mM Tris, 40 mM NaCl, 0.05 % Tween20, 50 μ M EDTA, 50 μ M EGTA www.dynamic-biosensors.com

Documents / Resources



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References

• User Manual

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