

dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore



# dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore User Manual

[Home](#) » [dynamic BIOSENSORS](#) » dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore User Manual 

## Contents

- [1 dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore](#)
- [2 Key Features](#)
- [3 USING INSTRUCTION](#)
- [4 Product Description](#)
- [5 Contact](#)
- [6 Documents / Resources](#)
  - [6.1 References](#)

**dynamic**  
BIOSENSORS

dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore



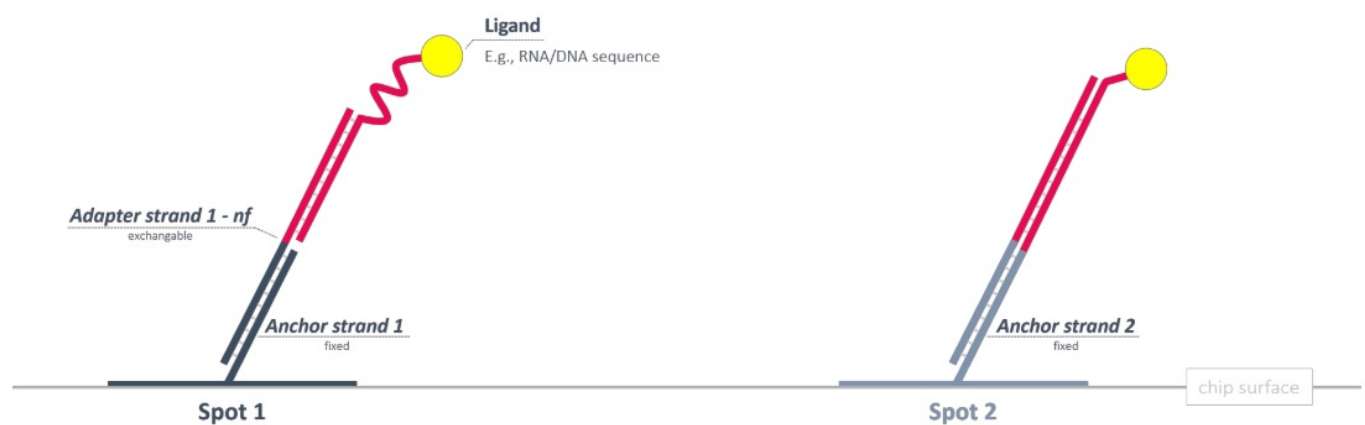
## Key Features

- Adapter strand – no fluorophore for functionalization of heliX® Adapter Chip Spot 1.
- Compatible with heliX® Adapter Chip.
- Includes Adapter strands for 50 regenerations.

## USING INSTRUCTION

### heliX® Adapter Chip Overview

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



## Product Description

**Order Number:** AS-1-nf

**Table 1. Contents and Storage Information**

Material	Cap	Concentration	Amount	Buffer	Storage
<b><i>Ligand strand 1 – no fluorophore</i></b>	Black	400 nM	5 x 100 µL	TE40 <a href="#">[1]</a>	-20°C

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

In-solution hybridization of adapter and ligand strands:

1. Mix Ligand strand 1 – 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
<b><i>DNA enzyme activity kit</i></b>	<i>Adapter strand 1 – nf</i> already pre-hybridized to the Template - 32-P-Ra DNA strand for Spot 1  <i>cTemplate – Adapter strand 2 – nf</i> already pre-hybridized to the Template-32-P-Ra DNA strand for Spot 2.	HK-EA-1

## 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](mailto:order@dynamic-biosensors.com)

Technical Support  
[support@dynamic-biosensors.com](mailto:support@dynamic-biosensors.com)

[www.dynamic-biosensors.com](http://www.dynamic-biosensors.com)

Instruments and chips are engineered and manufactured in Germany.  
©2024 Dynamic Biosensors GmbH | Dynamic Biosensors, Inc. All rights reserved.

TE40: 10 mM Tris, 40 mM NaCl, 0.05 % Tween20, 50 µM EDTA, 50 µM EGTA  
[www.dynamic-biosensors.com](http://www.dynamic-biosensors.com)

## Documents / Resources

	<p><a href="#">dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore</a> [pdf] User Manual heliX Plus Adapter Strand 1 no Fluorophore, heliX Plus, Adapter Strand 1 no Fluorophore, Stran d 1 no Fluorophore, Fluorophore</p>
---	---

## References

- [User Manual](#)

### Manuals+, Privacy Policy

This website is an independent publication and is neither affiliated with nor endorsed by any of the trademark owners. The "Bluetooth®" word mark and logos are registered trademarks owned by Bluetooth SIG, Inc. The "Wi-Fi®" word mark and logos are registered trademarks owned by the Wi-Fi Alliance. Any use of these marks on this website does not imply any affiliation with or endorsement.