

dynamic heliX Plus Adapter Strand 2 no Fluorophore



dynamic heliX Plus Adapter Strand 2 no Fluorophore User Manual

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dynamic
BIOSENSORS

dynamic heliX Plus Adapter Strand 2 no Fluorophore



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 | Cap | 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 | <p><i>Adapter strand 1 – nf</i> already pre-hybridized to the Template - 32-P-Ra DNA strand for Spot 1</p> <p><i>cTemplate – Adapter strand 2 – nf</i> already pre-hybridized to the Template-32-P-Ra DNA strand for Spot 2.</p> | HK-EA-1 |

Contact

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Instruments and chips are engineered and manufactured in Germany.

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

Documents / Resources

| | |
|---|---|
|  | <p>dynamic heliX Plus Adapter Strand 2 no Fluorophore [pdf] User Manual heliX Plus Adapter Strand 2 no Fluorophore, heliX Plus, Adapter Strand 2 no Fluorophore, Strand 2 no Fluorophore, Fluorophore</p> |
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References

- [User Manual](#)

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