dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore

dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore User Manual

Contents

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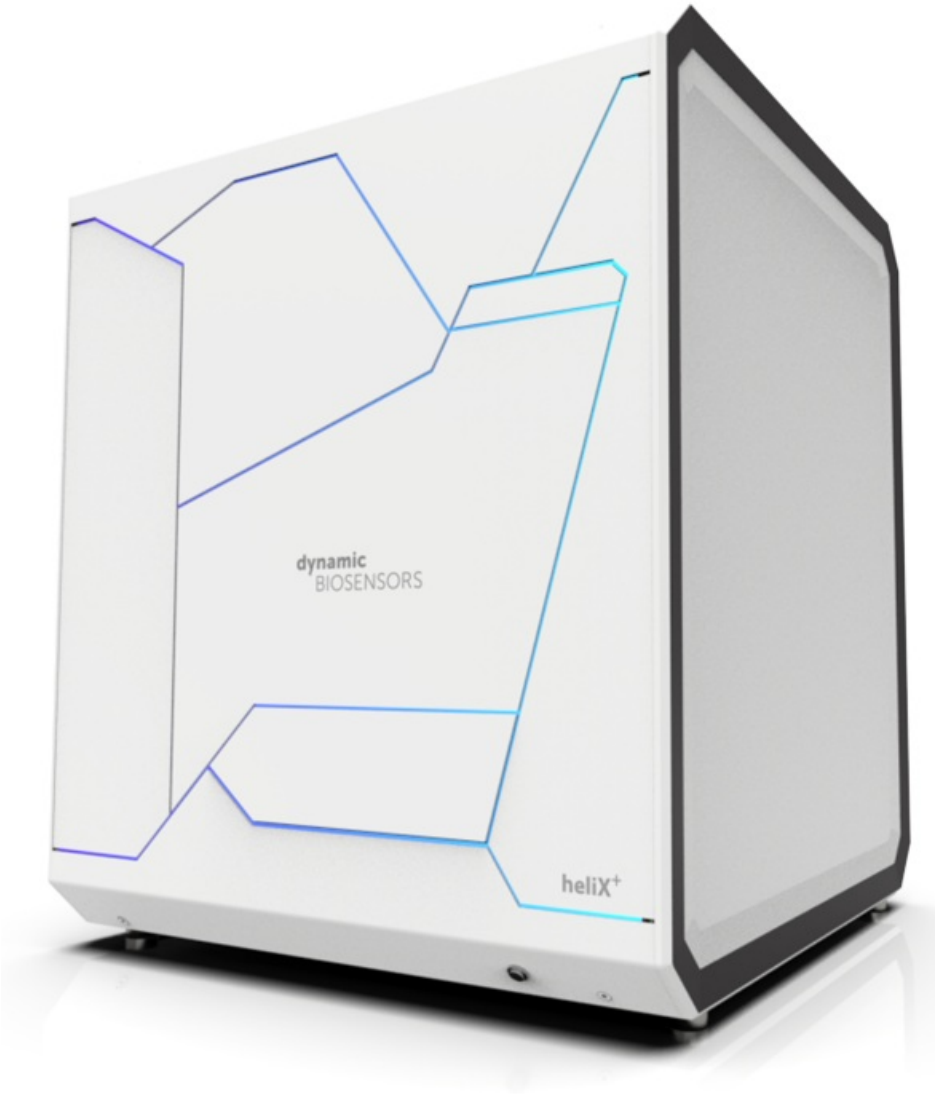
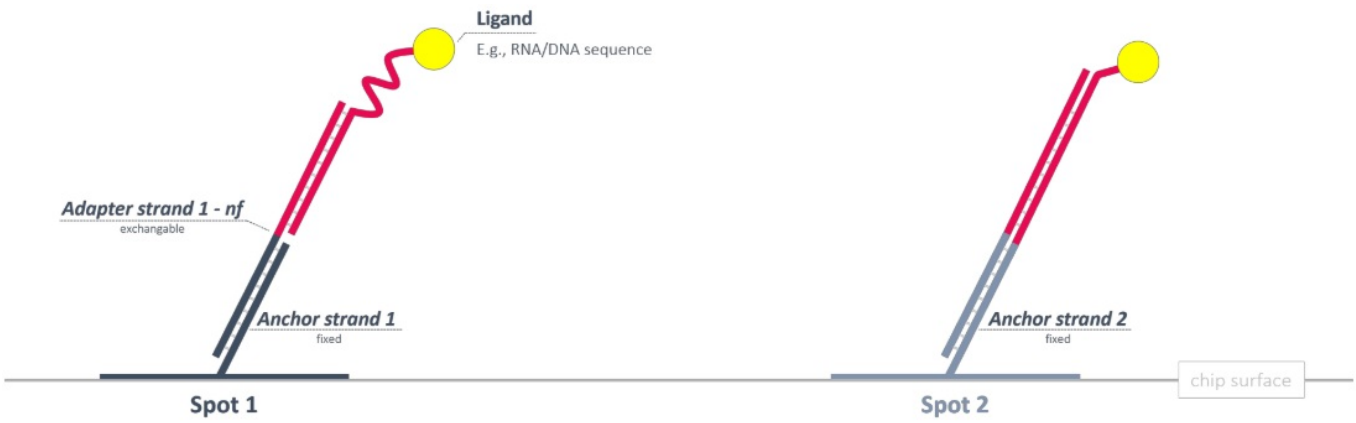


Key Features

- 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
Ligand strand 1 – no fluorophore	Black	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 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
DNA enzyme activity kit	*Adapter strand 1 – nf* already pre-hybridized to the Template - 32-P-Ra DNA strand for Spot 1 *cTemplate – Adapter strand 2 – nf* already pre-hybridized to the Template-32-P-Ra DNA strand for Spot 2.	HK-EA-1

Contact

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Instruments and chips are engineered and manufactured in Germany.

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

Documents / Resources

	dynamic BIOSENSORS heliX Plus Adapter Strand 1 no Fluorophore [pdf] User Manual heliX Plus Adapter Strand 1 no Fluorophore, heliX Plus, Adapter Strand 1 no Fluorophore, Strand 1 no Fluorophore, Fluorophore

References

- User Manual