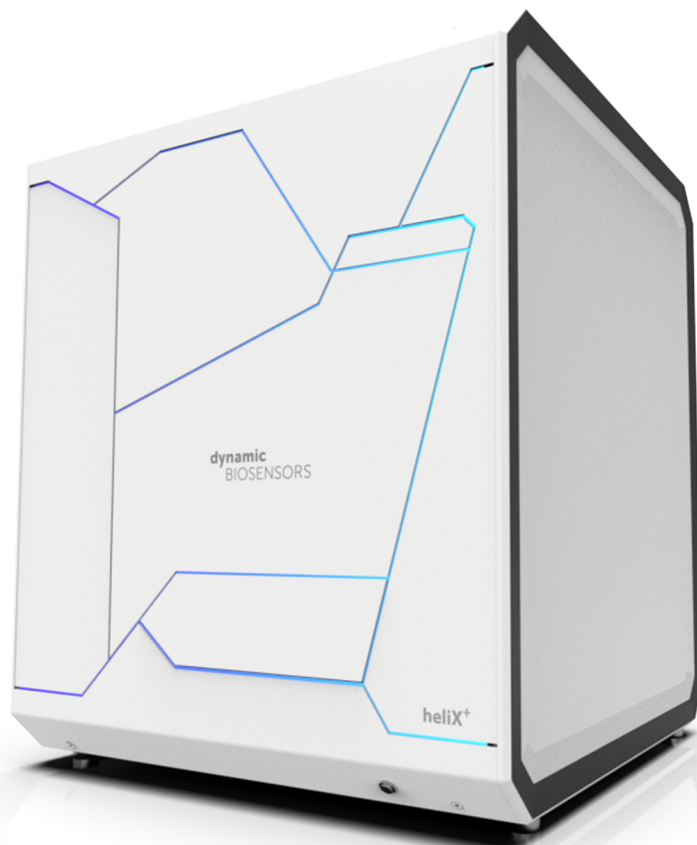


## Adapter strand 1

no fluorophore

Dynamic Biosensors GmbH & Inc.

AS-1-nf v1.1



## Key Features

- **Adapter strand - no fluorophore** for functionalization of **heliX<sup>®</sup> Adapter Chip Spot 1**.
- Compatible with **heliX<sup>®</sup> Adapter Chip**.
- Includes **Adapter strands** for **50 regenerations**.

## heliX<sup>®</sup> 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>Ligand strand 1 - no fluorophore</b>	Black	400 nM	5 x 100 µL	TE40 <sup>[1]</sup>	-20°C

For research use only.

This product has a limited shelf life, please see expiry date on label.

To avoid many freeze thaw cycles please aliquot the nanolever.

## Preparation | MIX&RUN

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>DNA enzyme activity kit</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

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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