

dynamic
BIOSENSORS

BIOSENSORS
heliX+ TS-0 v5.1
Test and Standby
Solution



dynamic BIOSENSORS heliX+ TS-0 v5.1 Test and Standby Solution User Manual

[Home](#) » [dynamic BIOSENSORS](#) » dynamic BIOSENSORS heliX+ TS-0 v5.1 Test and Standby Solution User Manual 

Contents

- 1 [dynamic BIOSENSORS heliX+ TS-0 v5.1 Test and Standby Solution](#)
- 2 [Product Usage Instructions](#)
- 3 [Key Features](#)
- 4 [Adapter Chip Overview](#)
- 5 [Product Description](#)
- 6 [Documents / Resources](#)
 - 6.1 [References](#)

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dynamic BIOSENSORS heliX+ TS-0 v5.1 Test and Standby Solution



Specifications

- Product Name: heliX+
- Model: TS-0 v5.1
- Order Number: TS-0
- Key Features:
 - 2 spots with 2 different anchor sequences for DNA-encoded addressing
- Contents:
 - Adapter strand 1 – Ra – Ifs
 - Adapter strand 2 – Ra – Ifs
- Concentration: 100 nM
- Storage: Solution is ready to use for biochip functionalization. Please see expiry date on label.
- Buffer: TE40 (10 mM Tris, 40 mM NaCl, 0.05% Tween20, 50 M EDTA, 50 M EGTA)

Product Usage Instructions

Preparation

1. Ensure the product is stored properly as per the storage instructions.
2. If needed, aliquot the nanolever to avoid multiple freeze-thaw cycles.

Biochip Functionalization

1. Prepare the biochip according to your experimental requirements.
2. Add the heliX+ solution to the biochip surface for functionalization.
3. Follow standard protocols for DNA-encoded addressing using the anchor sequences provided.

FAQ

- Q: Can heliX+ be used for clinical diagnostics?
A: No, heliX+ is for research use only.
- Q: What is the shelf life of heliX+?
A: The product has a limited shelf life. Please check the expiry date on the label.
- Q: How should I store heliX+?
A: Store the product as instructed and consider aliquoting to avoid repeated freeze-thaw cycles.

TEST AND STANDBY SOLUTION with red dye Ra

Dynamic Biosensors GmbH & Inc. TS-0 v5.1

Key Features

- Adapter strand 1 – Ra – lfs and Adapter strand 2 – Ra – lfs (ligand-free strand) for functionalization of heliX® Adapter Chip on Spot 1 and Spot 2, respectively.
- Compatible with heliX® Adapter Chip.
- Includes Adapter strands for more than 50 regenerations.
- Ideal for heliX® Adapter Chip status test and storage
- Adapter strands 1 and 2 carry a moderately hydrophilic red dye (Ra) with a single positive net charge.

Adapter Chip Overview



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

Product Description

Order Number: TS-0

Table 1. Contents and Storage Information

Material	Cap	Concentration	Amount	Buffer	Storage
<i>Adapter strand 1 - Ra - lfs</i> <i>Adapter strand 2 - Ra - lfs</i>	Orange	100 nM	5 x 400 µL	TE40 ^[1]	-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.
- Solution is ready to use for biochip functionalization.

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

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Documents / Resources



[dynamic BIOSENSORS heliX+ TS-0 v5.1 Test and Standby Solution](#) [pdf] User Manual
TS-0, TS-0 v5.1, heliX TS-0 v5.1 Test and Standby Solution, heliX TS-0 v5.1, Test and Standby Solution, Standby Solution, Standby Solution

References

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- [Home - Dynamic Biosensors](#)
- [User Manual](#)

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