

Biotin kit for 48mer

This kit is intended for use as an immobilization method for Streptavidin with a fM affinity. It can be used with the following **switchSENSE® Multi-purpose chips** for sizing and kinetic experiments: MPC-48-1-Y1-X, MPC-48-1-R1-X, MPC-48-2-Y1-X, MPC-48-2-R1-X and MPC2-48-2-G1R1-X.

Product Description

Order Number **CK-BI-1-B48** (nanolever sequence B48)

Material	Cap	Amount	Storage	Comment
cNL-B48-Biotin (Biotin conjugated to cNL-B48, 400 nM in PE40 ¹)	green	20 x 20 µL	-20°C	
cNL-A48 (400 nM in TE40 ²)	yellow	4 x 100 µL	-20°C	

For *in vitro* use only.

The kit contains reagents sufficient for 20 regenerations.
This product has a limited stability, please see expiry date on label.

Preparation/Immobilization

For one immobilization: Mix 20 µL of cNL-B48-Biotin (400 nM) with 20 µL cNL-A48 (400 nM).
In switchBUILD choose assay type kinetics and select Sandwich Format for immobilization. Set mixture as ligand and place it according to autosampler layout.

¹ 10 mM Na₂HPO₄/NaH₂PO₄, 40 mM NaCl, 0.05 % Tween20, 50 µM EDTA, 50 µM EGTA

² 10 mM Tris, 40 mM NaCl, 0.05 % Tween20, 50 µM EDTA, 50 µM EGTA

Contact

Dynamic Biosensors GmbH

Perchtinger Str. 8/10
81379 Munich
Germany

Phone: +49 89 89 74 544 0

Dynamic Biosensors Inc.

300 Trade Center, Suite 1400
Woburn, MA 01801
USA

Phone: +1 781 404 6126

Order Information

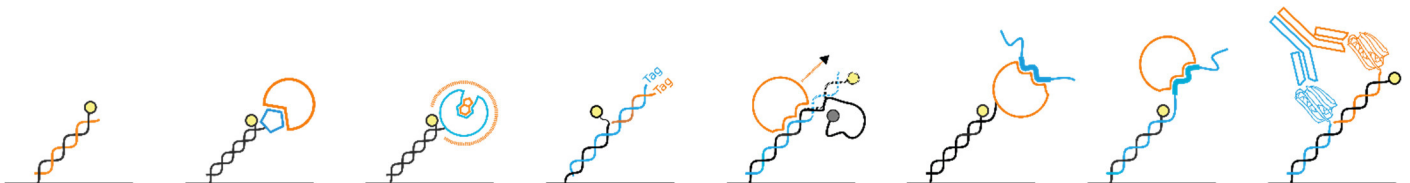
Phone: +49 89 89 74 544 0

Email: order@dynamic-biosensors.com

Technical Support

Phone: +49 89 89 74 544 66

Email: support@dynamic-biosensors.com



switchSENSE® is a proprietary measurement technology by Dynamic Biosensors GmbH. Instruments and biochips are engineered and manufactured in Germany.

©2023 Dynamic Biosensors GmbH | Dynamic Biosensors Inc. All rights reserved.