FLUOR DE LYS®-Green substrate

The FLUOR DE LYS®-Green substrate offers a highly sensitive and convenient alternative to radiolabeled, acetylated histones or peptide/HPLC methods for the assay of histone deacetylases. The assay procedure has two steps. First, the FLUOR DE LYS®-Green Substrate, which comprises an acetylated lysine side chain, is incubated with a sample containing HDAC activity (HeLa nuclear or other extract, purified enzyme, bead-bound immunocomplex, etc.). Deacetylation of the substrate sensitizes the substrate so that, in the second step, treatment with the FLUOR DE LYS® Developer (Prod. No. BML-KI105) produces a fluorophore. The FLUOR DE LYS®-Green substrate has a higher wavelength excitation and emission than the original FLUOR DE LYS® substrate (Prod. No. BML-KI104). This avoids interference by quenching or fluorescence from compounds absorbing and/or emitting in the near UV and blue range.

Citations: 2 View Online »

Ordering Information

Order Online »

BML-KI572-0050	50µl

Manuals, SDS & CofA

View Online »

Handling & Storage

Use/Stability	As indicated on product label or CoA when stored as recommended.
Long Term Storage	-80°C
Shipping	Dry Ice

Regulatory Status

RUO - Research Use Only

Product Details

Couple Target	HDAC
Couple Type	Substrate
Formulation	50mM solution in DMSO.
Purity	≥95% (HPLC)
Quantity	2.5 µmol
Technical Info / Product Notes	**NOTE:** Must be used in conjunction with FLUOR DE LYS® Developer (Prod. No. BML-KI105; see attached assay conditions).

Last modified: May 29, 2024

ENZO LIFE SCIENCES, INC.
Phone: 800.942.0430
info-usa@enzolifesciences.com

European Sales Office
ENZO LIFE SCIENCES (ELS) AG
Phone: +41 61 926 8989
info-eu@enzolifesciences.com

Belgium, The Netherlands & Luxembourg
Phone: +32 3 466 0420
info-be@enzolifesciences.com

France
Phone: +33 472 440 655
info-fr@enzolifesciences.com

Germany
Phone: +49 7621 5500 526
info-de@enzolifesciences.com

UK & Ireland
Phone (UK customers): 0845 601 1488
Phone: +44 1392 825900
info-uk@enzolifesciences.com

For local distributors and detailed product information visit us online: enzo.com All product names, logos, and brands are the property of their respective owners.