

3050 Spruce Street, Saint Louis, MO 63103, USA

Website: www.sigmaaldrich.comEmail USA: techserv@sial.comOutside USA: eurtechserv@sial.com

Product Specification

Product Name:

PKH26 Red Fluorescent Cell Linker Kit for General Cell Membrane Labeling

Product Number:

PKH26GL

TEST	Specification
Note	-----
CGLDIL-10mL (G8278)	
Osmolality	280 - 320
Freezing Point Depression, Expressed in mOsm/kg	
pH	5.0 - 7.5
Endotoxin Assay	Pass
LAL;	
< 0.06 EU/mL	
Sterility	Pass
Membrane filtration;	
No growth after 14 days.	
Cell Proliferation	Pass
In vitro YAC cell growth;	
Less than 10% alteration of cell growth ratio between test cells and medium control.	
Cell Labeling	Pass
Flow Cytometry;	
Baseline separation of unlabeled and labeled cell populations in fluorescence histograms observed after 24 hours in co-culture.	
Note	-----
P9691-0.5mL:	
Concentration	0.90 - 1.10
mM	
Purity (HPLC)	≥ 80.0 %A
area % at 260 nM	
Cell Culture Test	Conforms
< 10% alteration of cell growth ratio between test cells and medium control	

Sigma-Aldrich warrants, that at the time of the quality release or subsequent retest date this product conformed to the information contained in this publication. The current Specification sheet may be available at Sigma-Aldrich.com. For further inquiries, please contact Technical Service. Purchaser must determine the suitability of the product for its particular use. See reverse side of invoice or packing slip for additional terms and conditions of sale.

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Flow Cytometry

Conforms

Baseline separation obtained

Purity (HPLC)

 ≥ 90.0

area % at 551 nm

Absorbance

0.594 - 0.726

Absorbance at 551 nm (EtOH, 1 cm cell, dilution factor 200)

Specification: PRD.0.ZQ5.10000045482

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