



# Opto<sup>®</sup> Memory B Discovery PBMC Thawing Kit

## PRODUCT INSERT

### Purpose

The Opto<sup>®</sup> Memory B Discovery PBMC Thawing Kit (750-08254) consists of the reagents required to thaw peripheral blood mononuclear cells (PBMCs) before isolation and activation of memory B cells for the Opto<sup>®</sup> B Discovery workflow on the Beacon<sup>®</sup> optofluidic systems. The kit contains two boxes that should each be stored at the temperatures indicated. We recommend keeping the items in their respective boxes for easy retrieval when ready to use.

### Kit Contents

Table 1 – Box 1 (750-08255) components to be stored at 4°C

Component <sup>a</sup>	Unit Quantity	Volume/ Unit	Uses/Unit	Storage Conditions	Part Number
Basal Media	1	185 mL	4	4°C	750-08254 (box 1 of 2)
Media Additive A2	1	220 µL	4		

a. Kit components cannot be purchased separately unless otherwise noted.

Table 2 – Box 2 (KT75-00003) components to be stored at -20°C

Component <sup>a</sup>	Unit Quantity	Volume/ Unit	Uses/Unit	Storage Conditions	Part Number
Media Additive A3	1	12 mL	4	-20°C	750-08254 (box 2 of 2)
Media Additive A4	2	5 mL	2		

a. Kit components cannot be purchased separately unless otherwise noted.

FOR RESEARCH USE ONLY. Not for use in diagnostic procedures.

## Instructions for Use

Instructions for use and handling can be found in the following documentation on the Support Portal:

- *Beacon® Optofluidic Systems User Manual* (MAN-000003)
- *Memory B Cell Isolation and Activation for Rabbit Tissues Protocol* (MAN-08195)
- *Memory B Cell Isolation and Activation for Human Tissues Protocol* (MAN-08301)
- *Memory B Cell Isolation and Activation for Camelid Tissues Protocol* (MAN-08357)

## Safety

Use standard laboratory safety protocols and always wear appropriate personal protective equipment (PPE). Read and understand the safety data sheets (SDSs) before handling chemicals. To obtain SDSs, email [support@brukercellularanalysis.com](mailto:support@brukercellularanalysis.com).

## Legal

The Opto Memory B Discovery PBMC Thawing Kit product insert and its contents are proprietary to Bruker Corporation. This product insert is intended to be used, and should only be used, in connection with the use of the Beacon optofluidic systems. No other use is permitted without the prior written consent by an authorized officer of Bruker. No right, title, or interest in any Bruker intellectual property rights are conveyed or granted, expressly or by implication, by this product insert. Review the documents in [Instructions for Use](#) PRIOR to using the Opto Memory B Discovery PBMC Thawing Kit.

Bruker reserves the right to change the information in this product insert without notice.

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