



Opto[®] CLD Kit, Human Fc

PRODUCT INSERT

Purpose

The Opto[®] CLD Kit, Human Fc (750-08126) consists of all reagents required to run a single 4-chip Opto[®] CLD workflow with up to three assays per chip (twelve total) on the Beacon[®] optofluidic system. The contents of this kit can also be used to run two 2-chip Opto CLD workflows with up to three assays per chip on the Beacon Select[™] optofluidic system.

Kit Contents

Kit 750-08126 for the Beacon[®] and Beacon Select[™] optofluidic systems

Component	Unit Quantity	Volume/ Unit	Uses/ Unit	Storage Conditions	Part Number
OptoSelect [®] 1750b Chips ^a	4	N/A	1-2	Room temperature	750-08126
Beacon [®] Plastic Flush Chips ^b	8	N/A	1-2		
Wetting Additive ^c	1	1.5 mL	1-2		
SpotLight [™] Human Fc Reagent (20X) ^d	1	200 µL	1-2	4°C	
Wetting Solution ^e	4	2 mL	1-2		

a. OptoSelect 1750b chip and Wetting Solution can be ordered together (750-00018).

b. Flush chips can be ordered separately (500-00030).

c. Wetting Additive is also provided as part of the Wetting Additive Kit (750-08091).

d. This reagent can be ordered separately (520-00024).

e. Wetting Solution ships with the chip, but can be ordered separately (520-00009).

Instructions for Use

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

- *Beacon[®] Optofluidic Systems User Manual* (MAN-000003)
- *Opto[®] CLD 1.0 Workflow User Manual* (MAN-08036)
- *Opto[®] CLD 2.0 Workflow User Manual* (MAN-08096)

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

Chip Handling, Cleaning, and Disposal

Chips should only be handled using powder-free nitrile gloves and should be held at the corners.

Clean the chips before installing them into the nest using a pre-soaked 99% isopropyl alcohol (IPA) wipe. Fold the IPA wipe three times and wipe the glass surface of the chip from left to right in one smooth, continuous motion while applying moderate downward pressure. Dispose of the wipe after use. Using a new pre-soaked 99% IPA wipe, wipe the surface of the ferrules and dispose of the wipe. Once the IPA has evaporated from the surface of the chip and the ferrules, close the nest lid.

Dispose of chips in a biohazardous waste container according to local, state, and federal regulations.

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.

Expiration

Wetting Solution and OptoSelect chips are shipped with a minimum of 6 months available shelf life. The expiration date for Wetting Solution is located on the individual vial. The expiration date for the OptoSelect chip is located on the outer chip package label. The Wetting Solution and OptoSelect chips are not under warranty past their expiration dates.

Legal

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Bruker Cellular Analysis
brukercellularanalysis.com
+1 (510) 858-2855
sales@brukercellularanalysis.com

Technical Support
support.brukercellularanalysis.com
+1 (888) 254-5595 ext. 4
support@brukercellularanalysis.com

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