



Assay Beads

PRODUCT INSERT

Purpose

Assay Beads (520-00053) consists of reagents required to run binding assays for Opto[®] B Discovery workflows on Beacon[®] optofluidic systems. One vial supports up to 8 binding assays when used with OptoSelect[®] 20k chips and up to 16 binding assays when used with OptoSelect[®] 3500 and 11k chips, especially during Opto B Discovery workflows. Assay Beads are coated with streptavidin and must be incubated with a biotinylated soluble antigen or capture molecule before use.

Kit Contents

Component	Unit Quantity	Volume/Unit	Uses/Unit	Storage Conditions	Part Number
Assay Beads	1	600 µL	8–16	4°C	520-00053

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)
- *Biotinylated Soluble Antigen Beads Preparation Protocol* (MAN-000024)
- *Opto[®] B Discovery Workflow User Manual* (MAN-08351)
- *Validation of Biotinylated Soluble Antigen Beads Protocol* (MAN-000034)

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.

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

Legal

The Assay Beads 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 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 Assay Beads.

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

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