



BLUE CAT BIO

BLUECATBIO.COM

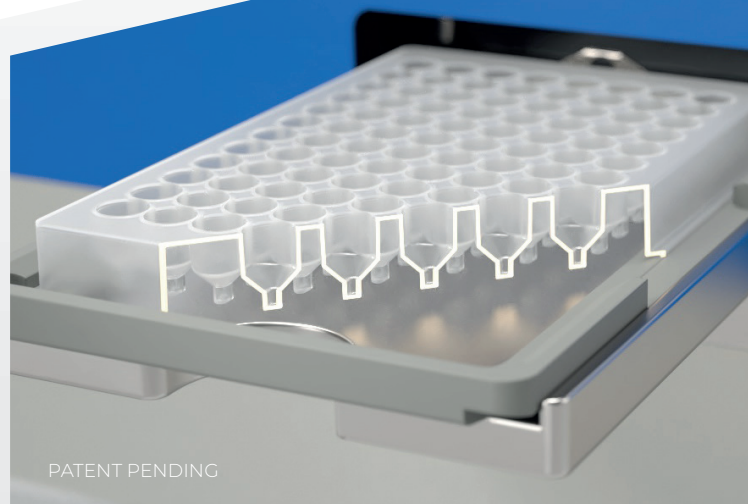
# BLUE<sup>®</sup>PLATE

## CELL WASH FOR FLOW CYTOMETRY

A winner of SLAS and MipTec new product awards, the centrifugal **Blue<sup>®</sup>Washer** has become the new standard for non-contact media removal and cell wash.

**Blue<sup>®</sup>Plate** enables **fully automated, high-throughput** cell washes for flow cytometry with **minimal cell loss or damage and highly effective background removal**.

The **Blue<sup>®</sup>Washer** centrifugally evacuates all of the liquid above the reservoirs. The **Blue<sup>®</sup>Washer** dispenser efficiently re-suspends cells for subsequent washes. Available for 96w plates, the method is applicable to all plate and tube formats.



### FAST

HIGH THROUGHPUT MODE

- For high throughput applications that do not require maximum cell retention, **Blue<sup>®</sup>Fuge** deposits > 70% of cells into the **Blue<sup>®</sup>Plate Cell<sup>®</sup>Safe** compartments in < 30 seconds

### EFFECTIVE

HIGH RETENTION MODE

- For applications that require maximum cell retention, **Blue<sup>®</sup>Fuge** deposits > 90% of cells into the **Blue<sup>®</sup>Plate Cell<sup>®</sup>Safe** compartments in 3 minutes

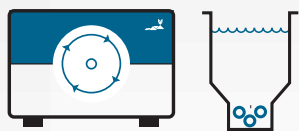
### AUTOMATABLE

HIGH QUALITY, REPRODUCIBLE FLOW DATA

- In the combination with **Blue<sup>®</sup>Fuge**, **Blue<sup>®</sup>Washer** and **BlueBench**, the **Blue<sup>®</sup>Plate** allows for a fully automated workflow reducing hands-on time by up to 95%, generating high quality, reproducible cellular analysis data

# Blue®Plate

high-throughput, automated workflow



01

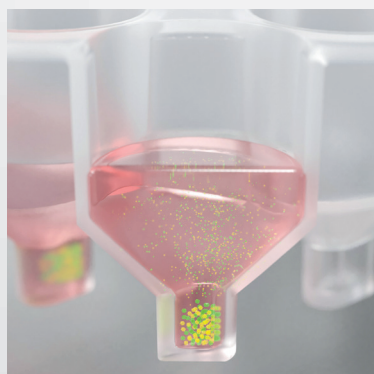
## SPIN CELLS INTO CELL@SAFE

HIGH-THROUGHPUT MODE  
**< 30g in < 30 seconds**

HIGH-RETENTION MODE  
**300g in 3-5 minutes**

Load **Blue®Plate** into **Blue®Fuge**

Cells are deposited into  
**Cell@Safe** reservoirs at the  
bottom of the **Blue®Plate**

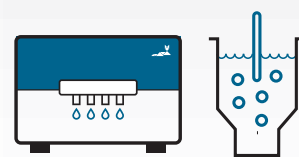
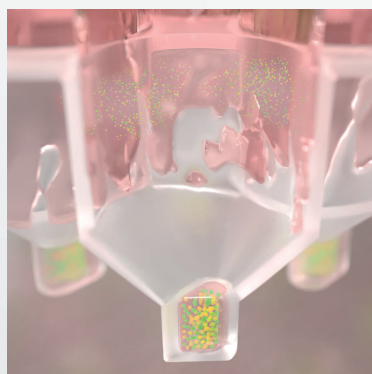


02

## REMOVE ALL MEDIUM ABOVE CELL@SAFE

**30 seconds**

**Cell@Safe** reservoirs at the  
bottom of **Blue®Plate** wells  
safely retain cells while the  
**Blue®Washer** centrifugally  
evacuates all of the liquid  
above the reservoirs

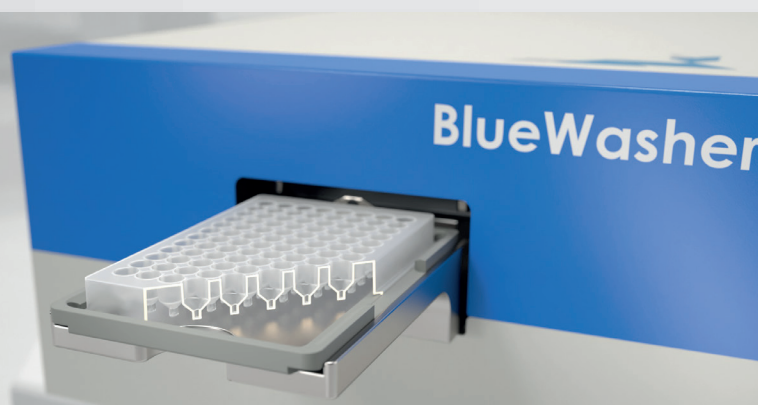
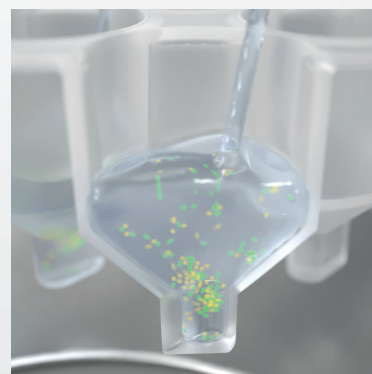


03

## RE-SUSPEND CELLS OUT OF CELL@SAFE

**15 seconds**

The **Blue®Washer** dispenser  
quickly re-suspends cells  
for subsequent washes,  
efficiently mixing them  
with wash buffer



<b>Name</b>	BluePlate 96Well
<b>Product Number</b>	2BP96
<b>Material</b>	Polypropylene
<b>Working Volume</b>	200 µl
<b>Volume Cell@Safe</b>	5 µl

### BLUECATBIO EMEA / APAC

Hornungsreuth 22a  
D-95512 Neudrossenfeld  
[info@bluecatbio.de](mailto:info@bluecatbio.de)

### BLUECATBIO NORTH AMERICA

112 Etna Road, Lebanon, NH 03766  
Tel: +1 978 405-2533  
[info@bluecatbio.com](mailto:info@bluecatbio.com)

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