

File Name: 1\_W-1X\_beforeMito\_leaves20ul.LHC  
File Location: C:\ProgramData\BioTek\Liquid Handling Control  
2.22\Protocols\automation\_v3.1  
Last Saved: 06/09/2021 11:00:48

LHC Version: 2.19.1

Instrument: 405 TS/LS  
Port: USB 405 TS/LS sn:191107F  
Settings: 96-tube Dual Washer manifold  
Buffer Switching  
Ultrasonic Advantage  
Cell Washing

Plate Type: 384 Well Plate  
Protocol Name: W-CELLWASH\_384  
Protocol Version: <no data>  
Archive Revision: 44  
Comments: BioTek provided sample cell wash protocol modified for minimized cell layer disturbance in 384-well plates.

testing:final aspiration z-value:  
z=50 leaves 35 ul  
z=40 leaves 20 ul  
z=32 leaves 10.5 - 11ul  
z=31 leaves 8.5 - 9.0  
z=30 leaves 7.5 - 8.0 ul  
z=20 leaves nothing

Step Details: W-Wash  
Pre-dispense before washing: No  
Bottom Wash: No  
Number of Wash Cycles: 1  
Wash Format: Plate  
Sectors to wash: 1, 2, 3, 4  
Aspirate per cycle  
Travel Rate: 1 CW 4.1 mm/sec  
Delay: 0 msec  
Z Offset: 40 steps (5.08 mm above carrier)  
X Offset: 0 steps (center of well)  
Y Offset: 0 steps (center of well)  
Secondary Aspirate: No  
Dispense per cycle  
Buffer: D  
Volume: 80 µL/well  
Flow Rate: 1  
Z Offset: 120 steps (15.24 mm above carrier)  
X Offset: 0 steps (center of well)  
Y Offset: 0 steps (center of well)  
Pre-dispense: not available  
Delay start of Vacuum until Volume dispensed: 10 µL/well  
Shake/Soak after dispense: No  
Pre-dispense between cycles: No  
Final Aspirate: Yes  
Travel Rate: 1 CW 4.1 mm/sec  
Delay: 0 msec  
Z Offset: 40 steps (5.08 mm above carrier)  
X Offset: 0 steps (center of well)  
Y Offset: 0 steps (center of well)  
Secondary Aspirate: No

<end>