




Research Services Glass Wash & Autoclave Request Form

INSTRUCTIONS: ALL items (including yellow tubs) must be rinsed free of any chemicals or unknown residues. Use a separate form for each yellow tub. Complete form checking all services needed and desired cycle .
 Email: Please send email to **"researchservices@umich.edu"** when tubs are ready for pick up.
 If you have any questions, please contact us by email or you may call 734-763-0773.

Requestor Information for Services

Name:	Date:	
Lab:	Location (Building, Room)	
<p>___ Glass Ware Wash Select the correct Wash cycle for your items</p> <ul style="list-style-type: none"> • Alkaline Only Wash – followed by Rinse & Dry cycles OR • Alkaline Wash followed by Acid Wash cycle followed by Rinse & Dry cycles. <p>SEE BACK OF FORM FOR CYCLE INFORMATION Water and Drying temperatures are set at 82° C NOTE:  Plastics will deform at this temperature</p>	<p style="text-align: center;"><u>ALKALINE ONLY</u></p> <p>___ Light Cycle</p> <p>___ Medium Cycle</p> <p>___ Heavy Cycle</p> <p>___ Rinse Only & Dry (Water/DI Rinse, No Detergents)</p>	<p style="text-align: center;"><u>ALKALINE W/ ACID</u></p> <p>___ Light Cycle with Acid Wash</p> <p>___ Medium Cycle with Acid Wash</p> <p>___ Heavy Cycle with Acid Wash</p>
<p>___ Glass Pipette Wash (Medical School & Cancer Center Only)</p>	<p>___ Alkaline Wash Only</p>	<p>___ Alkaline with Acid Wash Cycle</p>
<p>___ Autoclave Standard Autoclave temperatures 121.1°C (250°F)</p> <p>NOTE: Only Plastic  and  can be autoclaved without deformation</p>	<p>___ 20 Minute PREVAC Cycle</p> <p>___ 15 Minute Gravity Cycle</p> <p>___ 30 Minute Gravity Cycle</p>	
<p>___ (VHP) Vapor Hydroxide Peroxide</p> <p>The VHP MD140X Bio-decontamination unit is equipped with Three different pre-programmed cycles. <i>Temperature for all cycles 57.2°C (135°F)</i></p> <p>See link below for specifics on each of the 3 cycles https://ww1.steris.com/onbDocs/V386/1193/635502.pdf</p>	<p>Please check <u>one</u> cycle per tub</p> <p>___ Lumen Cycle</p> <p>___ Non-Lumen Cycle</p> <p>___ Flexible Cycle</p>	
Additional Comments / Special Requests from Lab Staff		

Cycle Parameters for Glass Wash Services

ALKALINE WASH CYCLE ONLY

	LIGHT	MEDIUM	HEAVY	TEMP
Pre-wash	1 minute recirculated			Cold Water
WASH	Alkaline detergent 45 sec injection 2 minutes recirculation time	Alkaline detergent 45 sec injection 4 minutes recirculation time	Alkaline detergent 45 sec injection 6 minutes recirculation time	Heated Water 180° F
1 st Rinse	1 minute recirculated			Hot Water
2 nd Rinse	1 minute recirculated			Hot Water
3 rd Rinse	10 seconds, Non-recirculated*, Deionized Water			Cold
4 th Rinse	10 seconds, Non-recirculated*, Deionized Water			Cold
Drying	10 minutes			180° F

ALKALINE WASH CYCLE W/ACID

	LIGHT	MEDIUM	HEAVY	TEMP
Pre-Wash	1 minute recirculated			Cold Water
1 st Wash	Alkaline detergent 20 sec injection 2 minute recirculation time	Alkaline detergent 20 sec injection 4 minute recirculation time	Alkaline detergent 20 sec injection 6 minute recirculation time	Heated Water 180°F
2 nd Wash	Acid detergent 20 sec injection 2 minute recirculation time	Acid detergent 20 sec injection 4 minute recirculation time	Acid detergent 20 sec injection 6 minute recirculation time	Heated Water 180°F
1 st Rinse	1 minute recirculated			Hot Water
2 nd Rinse	1 minute recirculated			Hot Water
3 rd Rinse	10 seconds, Non-recirculated*, Deionized Water			Cold
4 th Rinse	10 seconds, Non-recirculated*, Deionized Water			Cold
Drying	10 minutes			180° F

**Non-recirculated DI water cycles not available @KEC/BREHM locations.
They have been replaced with 1minute recirculated cycles*