

	Cost (total in USD)	Per unit (USD)	Quantity Required	Link			
<b>Pumps:</b>							
Peristaltic Pump	24.95	24.95	1	<a href="https://www.adafruit.com/product/251">https://www.adafruit.com/product/251</a>			
<b>Electronics:</b>							
Arduino Uno	16.99	16.99	1	<a href="https://www.adafruit.com/product/31">https://www.adafruit.com/product/31</a>			
DC Motors	6.99	1.7475	2	<a href="https://www.adafruit.com/product/105">https://www.adafruit.com/product/105</a>			
Magnet for Stir Bar	1.5	0.75	2	<a href="https://www.kjmagnetics.com/continuous-stirrer.aspx">https://www.kjmagnetics.com/continuous-stirrer.aspx</a>			
Neo Pixel RGB Strip (1 meter)	16.95	4.97	1	<a href="https://www.adafruit.com/product/1060">https://www.adafruit.com/product/1060</a>			
Neo Pixel UV Strip (1 meter)	19.95	4.92	1	<a href="https://www.adafruit.com/product/1061">https://www.adafruit.com/product/1061</a>			
Capacitor	6.99	0.466	1	<a href="https://www.adafruit.com/product/1062">https://www.adafruit.com/product/1062</a>			
Diodes	5.99	0.04	2	<a href="https://www.adafruit.com/product/1063">https://www.adafruit.com/product/1063</a>			
N Channel Mosfet	8.99	0.9	2	<a href="https://www.adafruit.com/product/1064">https://www.adafruit.com/product/1064</a>			
Resistors	7.99	0.015	3	<a href="https://www.adafruit.com/product/1065">https://www.adafruit.com/product/1065</a>			
5V/12V Power Supply (and Cord)	20.98	20.98	1	<a href="https://www.adafruit.com/product/1066">https://www.adafruit.com/product/1066</a>			
Connectors/Crimps	12.99	0.02	50	<a href="https://www.adafruit.com/product/1067">https://www.adafruit.com/product/1067</a>			
Wire	9.98	0.2	10	<a href="https://www.adafruit.com/product/1068">https://www.adafruit.com/product/1068</a>			
Shrink wrap tubing	24.99	0.25	1	<a href="https://www.adafruit.com/product/1069">https://www.adafruit.com/product/1069</a>			
Proto board	9.99	0.31	1	<a href="https://www.adafruit.com/product/1070">https://www.adafruit.com/product/1070</a>			
header pins	12.75	0.11	35	<a href="https://www.adafruit.com/product/1071">https://www.adafruit.com/product/1071</a>			
Data/power cable (for arduino)	6.99	3.5	1	<a href="https://www.adafruit.com/product/1072">https://www.adafruit.com/product/1072</a>			
Laser (10 pack)	6.79	0.679	1	<a href="https://www.adafruit.com/product/1073">https://www.adafruit.com/product/1073</a>			
Photoresistor	14.89	0.07	1	<a href="https://www.adafruit.com/product/1074">https://www.adafruit.com/product/1074</a>			
<b>Tubing/connections/Stopppers:</b>							
1mm id tubing	5.49	0.07	18	<a href="https://www.adafruit.com/product/1075">https://www.adafruit.com/product/1075</a>			
Pasteur Pipettes	40.61	0.2	4	<a href="https://www.adafruit.com/product/1076">https://www.adafruit.com/product/1076</a>			
Large diameter tubing for pipette connection	7.99	2.44	2	<a href="https://www.adafruit.com/product/1077">https://www.adafruit.com/product/1077</a>			
Rubber stoppers (4 count)	5.28	1.32	4	<a href="https://www.widg.com/products/rubber-stoppers">https://www.widg.com/products/rubber-stoppers</a>			
3d Printing Filament	25.99	15.6	Roughly 600g	<a href="https://www.adafruit.com/product/1078">https://www.adafruit.com/product/1078</a>			
Female 1/16" Luer lock connector	8.99	0.3	6	<a href="https://www.adafruit.com/product/1079">https://www.adafruit.com/product/1079</a>			

