Below are some example processing protocols for the BxChip.

If you would like to validate a different protocol, please follow the guidance in BxChip Validation Process (file:///\\host.lan\wiki\spaces\CR\pages\2162917390\BxChip+Validation+Process)

Traditional BxChip Processing Protocol

Station	Reagent	Time	Temp °C	P/V	Agitation
1	*10% NBF	0:08	40°	Y	Slow
2	*10% NBF	0:08	40°	Y	Slow
3	70% ETOH	0:12	40°	Y	Slow
4	95% ETOH	0:12	40°	Y	Slow
5	95% ETOH	0:12	40°	Y	Slow
6	100% ETOH	0:12	40°	Y	Slow
7	100% ETOH	0:12	40°	Y	Slow
8	Xylene	0:05	40°	Y	Slow
9	Xylene	0:05	40°	Y	Slow
10	Xylene	0:05	40°	Y	Slow
11	Paraffin	0:05	58°	Y	Slow
12	Paraffin	0:05	58°	Y	Slow
13	Paraffin	0:05	58°	Y	Slow
14	Paraffin	0:05	58°	Y	Slow

BxChip IPA Processing Procedure

Station #	Solution	Time (min.)	Temp °C	P/V	Agitation
1	10% NBF	10	40	Y	Slow
2	10% NBF	10	40	Y	Slow
3	70% IPA	12	40	Y	Slow
4	90% IPA	12	40	Y	Slow
5	100% IPA	12	40	Y	Slow
6	100% IPA	15	40	Y	Slow
7	100% IPA	20	40	Y	Slow
9	Xylene	10	40	Y	Slow
10	Xylene	15	40	Y	Slow
11	Xylene	20	40	Y	Slow
12	Paraffin	10	58	Y	Slow
13	Paraffin	10	58	Y	Slow
14	Paraffin	10	58	Y	Slow
15	Paraffin	15	58	Y	Slow

Microwave Processor Protocol

Ethanol Phase

Step 1: Ambient to 50 °C over 10 minutes

Step 2: 50 °C held over 2 minutes

Step 3: 50 °C to 66 °C over 11 minutes

Isopropanol Phase

Step 1: Ambient to 55 °C over 12 minutes

Step 2: 55 °C to 68 °C over 11 minutes

Wax Phase

Step 1: Rise to 68 °C over 15 minutes

Step 2: 68 °C held over 15 minutes