# Automated Infinium Processing Comparison

<table>
<thead>
<tr>
<th></th>
<th>HD*</th>
<th>HTS</th>
<th>LCG</th>
<th>XT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Make MSA</td>
<td>MA1</td>
<td>MA1</td>
<td>--</td>
<td>MA1</td>
</tr>
<tr>
<td></td>
<td>MA2</td>
<td>RPM</td>
<td>RPM</td>
<td>MA2</td>
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<tr>
<td></td>
<td>MSM</td>
<td>MSM</td>
<td>AMM</td>
<td>RAM</td>
</tr>
<tr>
<td>Incubate MSA</td>
<td>20–24 Hours</td>
<td>3–24 hours</td>
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<tr>
<td>Frag MSA</td>
<td>FMS</td>
<td>FMS</td>
<td>FRG</td>
<td>FMS</td>
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<tr>
<td>Tip Guide</td>
<td>HD Super B or E</td>
<td>G</td>
<td>F</td>
<td>K, L, and M</td>
</tr>
<tr>
<td></td>
<td>HD Ultra: B or D</td>
<td>G</td>
<td>F</td>
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<tr>
<td>Glass Back Plate</td>
<td>HD</td>
<td>LCG</td>
<td>XCG</td>
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<tr>
<td>Used</td>
<td></td>
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</tr>
<tr>
<td>PB2 Format</td>
<td>PB2 Shipped at 1X concentration</td>
<td></td>
<td>PB20 Shipped at 20X conc. (requires 20L carboy to dilute)</td>
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<tr>
<td>X Stain</td>
<td>XC1, XC2, TEM, STM, Tubes</td>
<td>LX1, LX2, EML, SML, Tubes</td>
<td>XP1 Plate: EML, LX1, LX2, SML</td>
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<tr>
<td>Common Reagents</td>
<td>0.1 NaOH during Make MSA, 95% Formamide 10 mM EDTA for target removal, ATM during Stain, XC3 and XC4 for wash and coat</td>
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*The HD glassback is used in HD Super, Multi-Use, Methylation, and HD Ultra protocols

## Teflow Accessories for HD-X Stain

WG-10-202 – Infinium Teflow Chamber HD (1)
WG-10-203 – HD Spacers (500)

## Teflow Accessories for LCG and HTS X-Stain*

WG-100-2001 - Infinium Teflow LCG Upgrade kit (8)
WG-100-2002 - Infinium Teflow LCG Upgrade kit (24)
WG-100-1001 – Infinium Teflow Chamber LCG (10)
WG-100-1002 – LCG Spacers (500)

## Teflow Accessories for XT X-Stain

20012129 – XT Teflow Chamber (8)
20011756 – XT Glass Back Plates (8)
Teflow Clips 20011758 (16)
Teflow Frames 20011757 (8)

### Tip Guides

- B: SE-104-1005 (12)
- D: SE-104-1009 (6)
- E: SE-104-1011 (6)
- F: SE-104-1013 (12)
- G: SE-104-1015 (8)
- K, L, and M: 20011102 (6)

The Infinium Teflow LCG upgrade kit has glassback plates and 1 box of spacers

Teflow Chambers have frames, clips and glassback plates

For Research Use Only.
Not for use in diagnostic procedures.
## Manual Infinium Processing Comparison

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<td>FRG</td>
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<tr>
<td>Pipette used to</td>
<td>Standard Single or Multichannel</td>
<td>Standard Single or Adjustable Multichannel</td>
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<td>Standard multichannel and K,L, and M Tip Guides</td>
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**Teflow Accessories for HD-X Stain**

- Adjustable multi-channel recommended for HTS hybridization
- Rainin #170118444

**Optional Tip Guides For Infinium XT**

- K, L, and M: 20011102 (6)

**The Infinium Teflow LCG upgrade kit has glassback plates and 1 box of spacers**

**Teflow Chambers have clips, frames and glassback plates**
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<td>IAC (Tecan)</td>
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<td>2011.1</td>
<td>2011.1</td>
<td>2.0</td>
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Note: Versions listed are the minimum software requirements for each chip version. All versions are backward compatible with previous software versions and chips.