

ThinPrep® Stain Protocol using Rinse II and Bluing II Solutions on the Hologic® Compass™ Stainer with alcohol fixed slides

Use this protocol ONLY when ThinPrep Rinse II and Bluing II Solutions (P/Ns ASY-04875, ASY-04876) are components of the ThinPrep Stain.

Use this protocol for staining slides fixed in 95% alcohol.

The Compass pre-loaded Program #1, "TP_95%_ALC" (Protocol Document AW-19464-001) is compatible with this Rinse II-Bluing II protocol. Assure that **Station 6** is Rinse II Solution, **Station 8** is Bluing II Solution and **Station 10** is Distilled or Instrument Feed Water (not "50% Alcohol" as indicated on the display).

Maintain bath heights to completely cover the slides at full immersion. (Note: Bath fill volume = 360 ml.) The **Parameters** below are automatically set by the system when executing this program.

Caution: Change the Distilled / Instrument Feed Water bath at **Station 5** after every **four** racks of slides. Run no more than four slide racks together. Wait for all four to be unloaded before adding new racks.

| Parameters - Agitation: No. of dips = 10, Dip height = 30mm; Exit speed = Normal | | | |
|--|--|-------------|-----------------|
| Station | Reagent | Time | Duration |
| LOAD | 95% Reagent or Ethyl alcohol | ---- | ---- |
| 1 | 70% Reagent or Ethyl alcohol | 01' 00" | Non-critical |
| 2 | 50% Reagent or Ethyl alcohol | 01' 00" | Non-critical |
| 3 | Distilled or Instrument Feed Water (IFW) ¹ | 01' 00" | Non-critical |
| 4 | ThinPrep Nuclear Stain | 07' 00" | CRITICAL |
| 5 | Distilled or Instrument Feed Water ¹ (Replace after every 4 racks.) | 00' 10" | CRITICAL |
| 6 | ThinPrep Rinse II Solution | 01' 00" | CRITICAL |
| 7 | Distilled or Instrument Feed Water ¹ | 00' 30" | Non-critical |
| 8 | ThinPrep Bluing II Solution | 00' 30" | CRITICAL |
| 9 | Distilled or Instrument Feed Water ¹ | 00' 30" | Non-critical |
| 10 | Distilled or Instrument Feed Water ¹ | 00' 30" | Non-critical |
| 11 | 95% Reagent or Ethyl alcohol | 00' 30" | Non-critical |
| 12 | ThinPrep Orange G Solution | 02' 00" | CRITICAL |
| 13 | 95% Reagent or Ethyl alcohol | 00' 15" | CRITICAL |
| 14 | 95% Reagent or Ethyl alcohol | 00' 15" | CRITICAL |
| 15 | ThinPrep EA Solution | 04' 00" | CRITICAL |
| 16 | 95% Reagent or Ethyl alcohol | 01' 00" | CRITICAL |
| 17 | 95% Reagent or Ethyl alcohol | 01' 00" | CRITICAL |
| 18 | 100% Reagent or Ethyl alcohol | 00' 30" | Non-critical |
| 19 | 100% Reagent or Ethyl alcohol | 00' 30" | Non-critical |
| 20 | 100% Reagent or Ethyl alcohol | 00' 30" | Non-critical |
| 21 | Xylene or other Hologic approved clearing agent ² | 01' 00" | Non-critical |
| 22 | Xylene or other Hologic approved clearing agent ² | 03' 00" | Non-critical |
| UNLOAD | Xylene or other Hologic approved clearing agent ² | ---- | ---- |
| Remove slides to a separate clearing bath. Coverslip with an appropriate Hologic approved mountant. ² | | | |

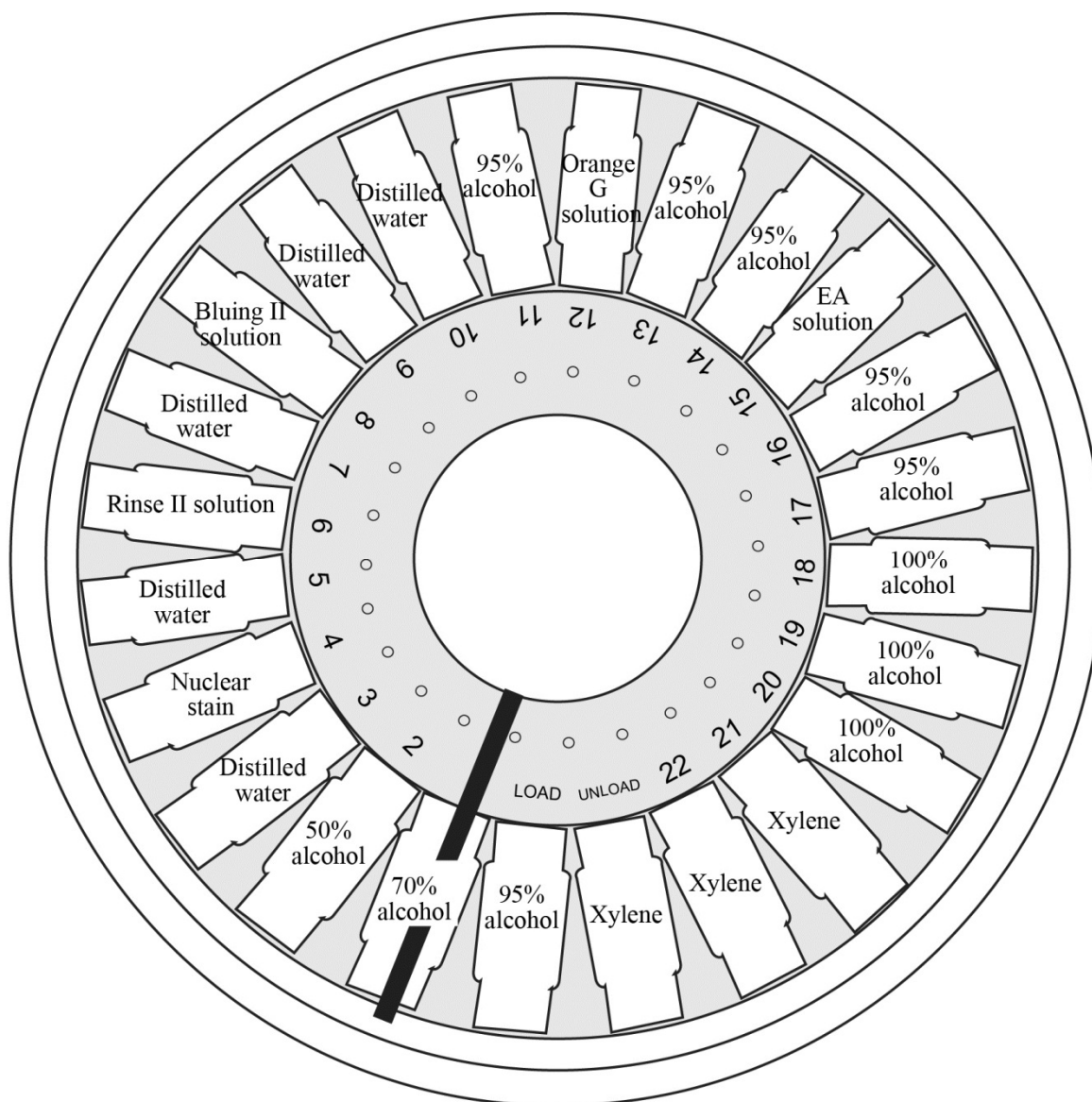
¹ Hologic specification for IFW: ≥ 1.0 megohm-cm Resistivity OR ≤ 1.0 μ Siemens/cm Conductivity (Refer to Clinical and Laboratory Standards Institute (CLSI) document C3-A4, 2006)

² See ThinPrep Stain User's Manual, Section 1, "STAINING" or contact Hologic for current list of Hologic approved clearing agents and mounting media.

Solution Stations

Hologic® Compass™ Stainer

Using ThinPrep Rinse II and Bluing II Solutions
For staining slides fixed with 95% alcohol



Hologic, Inc. • 250 Campus Drive • Marlborough, MA 01752 USA • 1-800-442-9892 • www.hologic.com

 Hologic BV • Da Vincilaan 5 • 1930 Zaventem • Belgium