

ThinPrep® Stain Protocol for the SAKURA TISSUE-TEK DRS™ 2000 Autostainer using 95% alcohol fixed slides

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

At the Start Process screen, be sure “Mode” (F3) is set to “Continuous”.

Change the Distilled / Instrument Feed Water bath at Station 9 after every **eight racks** of slides.
(Note: Solution reservoir fill volume = 650 ml.)

Remove all wash nozzles and insert plugs. Use only Solution Reservoirs in all stations.

NOTE: Stations 21 and 22 must first be assigned as wash stations prior to assigning other reagent stations.

Setup parameters (System Setup Screen): Mix Amplitude = 30mm , Mix Frequency = 10 , Mix Speed = 1 , Basket Lifting Speed = 1					
Step	Station	Solution	Duration	Time	Mix
1	S (27)	Start (95% reagent or ethyl alcohol)	--	--' --"	
	S (26)	Start (95% reagent or ethyl alcohol)	--	--' --"	
2	25	70% reagent or ethyl alcohol	Infinity	01' 00"	+
3	24	50% reagent or ethyl alcohol	Infinity	01' 00"	+
4	23	Distilled or Instrument Feed Water (IFW) ¹	Infinity	01' 00"	+
5	8	ThinPrep Nuclear Stain	Exact	07' 00"	+
6	9	Distilled or Instrument Feed Water ¹ (Change after 8 racks.)	Exact	00' 10"	+
7	10	ThinPrep Rinse Solution	Exact	01' 00"	+
8	11	Distilled or Instrument Feed Water ¹	Infinity	00' 30"	+
9	12	ThinPrep Bluing Solution	Exact	00' 30"	+
10	13	Distilled or Instrument Feed Water ¹	Infinity	00' 30"	+
11	1	50% reagent or ethyl alcohol	Infinity	00' 30"	+
12	2	95% reagent or ethyl alcohol	Infinity	00' 30"	+
13	3	ThinPrep Orange G Solution	Exact	02' 00"	+
14	4	95% reagent or ethyl alcohol	Exact	00' 15"	+
15	5	95% reagent or ethyl alcohol	Exact	00' 15"	+
16	6	ThinPrep EA Solution	Exact	04' 00"	+
17	7	95% reagent or ethyl alcohol	Exact	01' 00"	+
18	20	95% reagent or ethyl alcohol	Exact	01' 00"	+
19	19	100% reagent or ethyl alcohol	Infinity	00' 30"	+
20	18	100% reagent or ethyl alcohol	Infinity	00' 30"	+
21	17	100% reagent or ethyl alcohol	Infinity	00' 30"	+
22	16	Xylene or other Hologic approved clearing agent ²	Infinity	01' 00"	+
23	15	Xylene or other Hologic approved clearing agent ²	Infinity	03' 00"	+
24	E (14)	End (Xylene)	Infinity	--' --"	+
Remove slides to a separate clearing bath then coverslip with the 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.



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Solution Stations for the Sakura Tissue-Tek DRS™ 2000 Autostainer

For slides fixed with 95% alcohol.

Bath Station Number --->	1
Solution --->	70% Alcohol
Step Number --->	2

Upper Level

1	2	3	4	5	6	7
50%	95%	OG	95%	95%	EA	95%
Alcohol	Alcohol	Solution	Alcohol	Alcohol	Solution	Alcohol
11	12	13	14	15	16	17

8	9	10	11	12	13
Nuclear	Distilled	Rinse	Distilled	Bluing	Distilled
Stain	Water	Solution	Water	Solution	Water
5	6	7	8	9	10

14	15	16	17	18	19	20	21	22	23	24	25	26	27	DRY
Xylene	Xylene	Xylene	100%	100%	100%	95%			Distilled	50%	70%	95% Alc.	95% Alc.	
END			Alcohol	Alcohol	Alcohol	Alcohol			Water	Alcohol	Alcohol	START	START	
24	23	22	21	20	19	18			4	3	2	1	1	

Lower Level