**HE staining**

|  |  |  |
| --- | --- | --- |
| **Station** | **Solution** | **Time (Minutes)** |
| 1 | Xylene | 10 |
| 2 | Xylene | 10 |
| 3 | Xylene | 10 |
| 4 | 100% Alcohol | 10 |
| 5 | 100% Alcohol | 10 |
| 6 | 95% Alcohol | 10 |
| 7 | 85% Alcohol | 5 |
| 8 | 70% Alcohol | 1 |
| 9 | Rinse in running tap water | Briefly |
| 10 | distilled water | Rinse |
| 11 | Hematoxylin 7231 \* | 5 |
| 12 | Running tap water  | Rinse off excess stain |
| 13 | Clarifier 2 \*\* | 1 |
| 14 | Rinse in running tap water | 1 |
| 15 | Bluing Reagent \*\*\* | 1 |
| 16 | Rinse in running tap water | 1 |
| 17 | 95% Alcohol | Rinse |
| 18 | Eosin-Y 7111 \*\*\*\* | 1 |
| 19 | 95% Alcohol | 5 |
| 20 | 100% Alcohol | 5 |
| 21 | 100% Alcohol | 10 |
| 22 | 100% Alcohol | 10 |
| 23 | Xylene  | 10 |
| 24 | Xylene | 10 |
| 25 | Xylene | 10 |
| 26 | Mounting with cover glasses |  |

**Thermo Scientific Richard-Allan Scientific Histology Signature Series Stains**

# \* Epredia™ Signature Series™ Hematoxylin 2, Catalog No. 22-050-113

\*\* Epredia™ Signature Series™ Clarifier™ 2, Catalog No.74-02L

\*\*\* Epredia™ Signature Series™ Bluing Reagent, Catalog No.73-01L

\*\*\*\* Epredia™ Richard-Allan Scientific™ Signature Series Eosin-Y 7111, Catalog No.22-050-110