**PAS 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 | 1 |
| 11 | Periodic Acid solution \* | 5 |
| 12 | distilled water | 3 times |
| 13 | Schiff’s reagent \* | 15 |
| 14 | Rinse in running tap water | 5 |
| 15 | hematoxylin \* | 1 |
| 16 | Rinse in running tap water | 1 |
| 17 | 95% Alcohol | 5 |
| 18 | 100% Alcohol | 5 |
| 19 | 100% Alcohol | 10 |
| 20 | 100% Alcohol | 10 |
| 21 | Xylene  | 10 |
| 22 | Xylene | 10 |
| 23 | Xylene | 10 |
| 24 | Mounting with cover glasses |  |

\* Sigma Diagnostics™ Periodic Acid Schiff Kit (PAS) Kit, Catalog No.SD395B