

Masson's Trichrome Staining – Gillis Lab (Modified from Hall Lab protocol)

Histosol(1) – 5min
Histosol(2) – 5min
100% EtOH – 2min
100% EtOH – 2min
90% EtOH – 2min
70% EtOH – 2min
50% EtOH – 2min
H₂O – 2min
Mayer's Haematoxylin – 15min
Running tapwater – 20min
Xylidine ponceau – 2min
Running tapwater – 1min
Phosphomolybdic acid – 4min
Running tapwater – 1min
Light green – 90sec
Running tapwater – 1min
100% EtOH – 20sec
100% EtOH – 20sec
Histosol(3) – 5min
Histosol(4) – 5min

Coverslip with Permount/DPX

Staining solutions

Mayer's acid haematoxylin (Sigma MSH-32)

Xylidene ponceau: equal volumes of 0.5% xylidine ponceau 2R C.I. no. 16150 in 1% acetic acid and 0.5% acid fuchsin C.I. no. 42685 in 1% acetic)

Phosphomolybdic acid: 1% phosphomolybdic acid in water

Light green: 2% light green C.I. 42095 in 2% citric acid (diluted 1:10 with distilled water prior to use).