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## UF H&E Staining V.1

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Francesca Farris<sup>1</sup>, Marda Jorgensen<sup>1</sup>

<sup>1</sup>University of Florida

Human BioMolecular Atlas Program (HuBMAP) Method Development Community  
Tech. support email: [Jeff.spraggins@vanderbilt.edu](mailto:Jeff.spraggins@vanderbilt.edu)



Francesca Farris

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**Protocol status:** Working

**We use this protocol in our group and it is working.**

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## Abstract

UF H&E Staining



## Materials

### MATERIALS

 Eosin-Y OPTIK **Catalog #RS4359-A**

 Hematoxylin OPTIK DK **Catalog #RS4576-A**

 Bluing Reagent OPTIK **Catalog #RS-4363-B**

 Aqueous Clarifier **Catalog # RS4361-B**

- 1 Place slides into xylene compatible rack.
- 2 Immerse slide holder in 2 changes of xylene, 5 minutes each.
- 3 Remove slide holder from xylene and transfer to 2 changes of 100% EtOH for 5 minutes each.
- 4 Transfer to 95% EtOH for 3 minutes.
- 5 Transfer to 70% EtOH for 3 minutes.
- 6 Transfer to 50% EtOH for 3 minutes.
- 7 Transfer to water for 2 changes, each 2 minutes.
- 8 Transfer slides to Hematoxylin for 1 minute and 15 seconds.
- 9 Do a quick dip in water and then transfer slides to water for 30 seconds.
- 10 Transfer again to water for two changes, each one minute.
- 11 Transfer to Aqueous Clarifier for 45 seconds.
- 12 Do a quick dip in water and then transfer to water for 1 minute.
- 13 Transfer to bluing reagent for 1 minute.



- 14 Place in water for 5 minutes.
- 15 Transfer to 80% EtOH for 1 minute.
- 16 Transfer to Eosin-Y for 1 minute.
- 17 Transfer to 2 changes of 100% EtOH, first change is 2 minutes, second change is 5 minutes.
- 18 Transfer to xylene for two changes, each 5 minutes.
- 19 After the second xylene change, use a xylene compatible mountant.