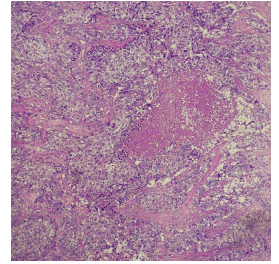


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Hematoxyllin-Eosin (HE) Staining

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Freda Halim^{1,2}

¹Doctoral Programme, Faculty of Medicine, Universitas Padjajaran;

²Surgery Department, Faculty of Medicine, Pelita Harapan University



Freda Halim

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Protocol status: Working

We use this protocol and it's working

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Abstract

This is a protocol to stain tissue with Hematoxyllin-Eosin (HE) Staining. We use human breast cancer tissue for running this protocol.

Troubleshooting



Deparaffinization

15m

1 Incubate slides in Xylol

5m

2 Incubate slides in Xylol

5m

Rehydration

25m

3 Incubate slides in 100% Alcohol

5m

4 Incubate slides in 96% Alcohol

5m

5 Incubate slides in 80% Alcohol

5m

6 Incubate Slides in 70% Alcohol

5m

7 Rinse slides with Aquadest for 5 minutes

5m

Nuclear Staining

10m

8 Incubate Slides in Hematoxyllin Reagent (Hematoxyllin JT Baker)

5m

9 Rinse slides with running tap water

5m

Defferentiation

10m

10 Incubate slides in bluing reagent @ 1 minutes, 5 times

5m



11 Rinse slides with running tap water

5m

Cytoplasm staining

1m

12 Incubate slides in Eosin reagent 1 minute

1m

Dehydration

20m

13 Incubate Slides in 70% Alcohol

5m

14 Incubate Slides in 80% Alcohol

5m

15 Incubate Slides in 96% Alcohol

5m

16 Incubate Slides in 100% Alcohol

5m

Clearing

15m

17 Incubate Slides in Xylol

5m

18 Incubate slides in Xylol

5m

19 Incubate Slides in Xylol

5m

Mounting and Finishing

20 Wipe excess fluid,cover the slides with cover glass



Protocol references

Fischer AH, Jacobson KA, Rose J, Zeller R. Hematoxylin and eosin staining of tissue and cell sections. CSH Protoc. 2008 May 1;2008:pdb.prot4986. doi: 10.1101/pdb.prot4986. PMID: 21356829.