

# Sentinel Node Protocol

Southern Cross Pathology

Monash Medical Centre



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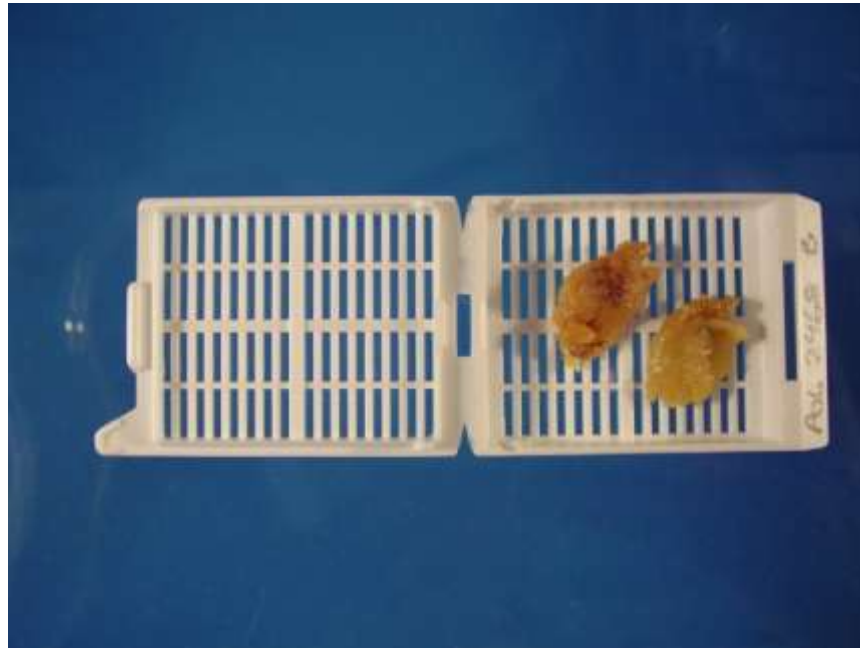
# Introduction

- Our laboratory performs the pathology for a number of Southern health and breast screen locations.



# Cut-up

- The standard protocol involves bisecting the sentinel node and placing the two cut surfaces face down.



# Sectioning

- One section is routinely cut and stained with a H&E stain.



# Immunoperoxidase

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- The protocol for this involves staining the sections with LMCK (CK8) at three different levels.

# Immunoperoxidase method

- Section are cut the previous day and left to dry overnight at room temperature.



# Immunoperoxidase method

- Antigen retrieval is achieved via heat/pressure using a decloaking chamber.



# The Antibody

- Novacastra CK8. Clone NCL-L-CK8-TS1



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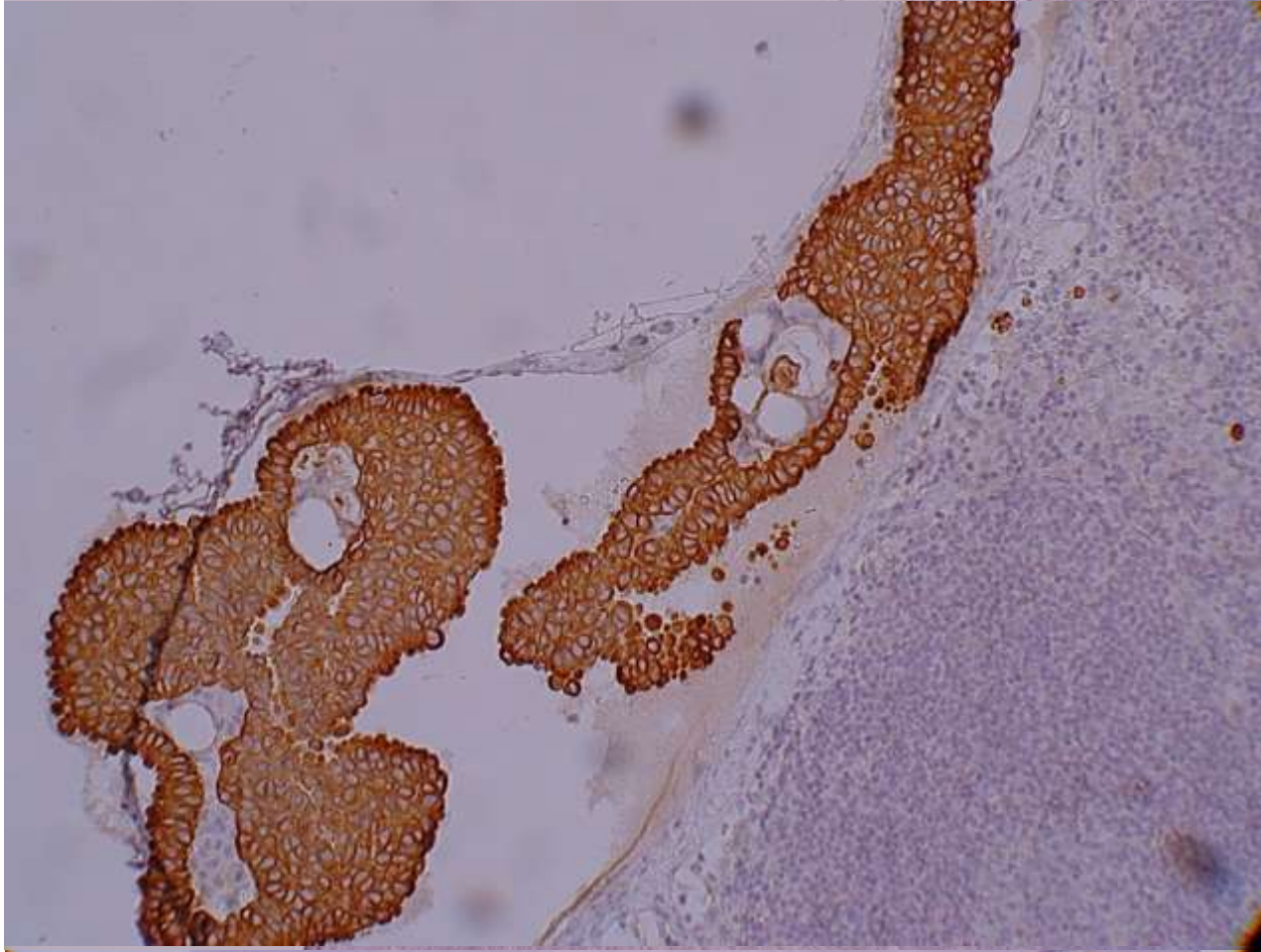


- Dilution 1:200

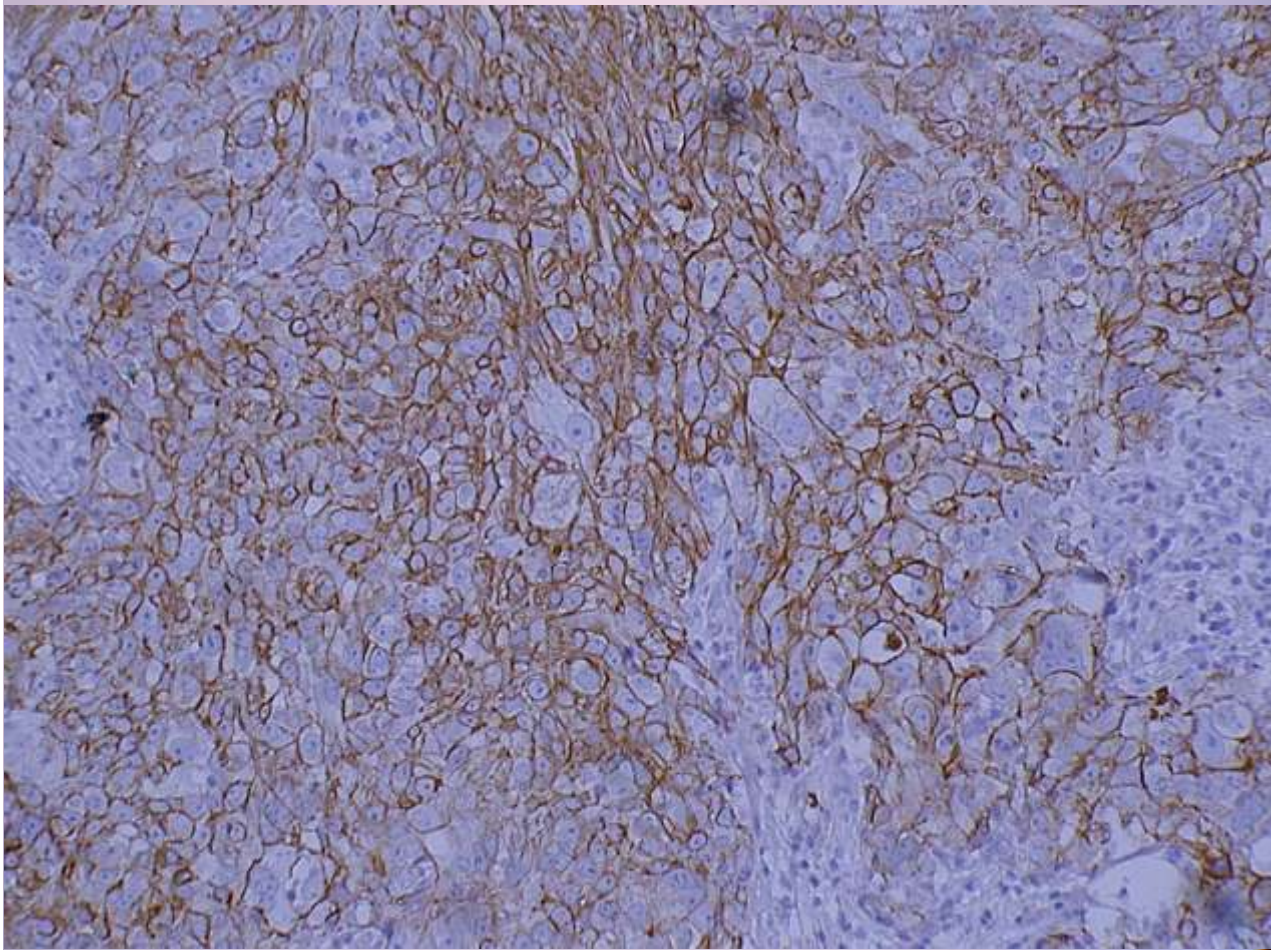
# Detection Kit



# Microinvasion



# Obvious Invasion



# References

Novacastra Date Sheet – Cytokeratin 8  
NCL-L-CK8-TS1

