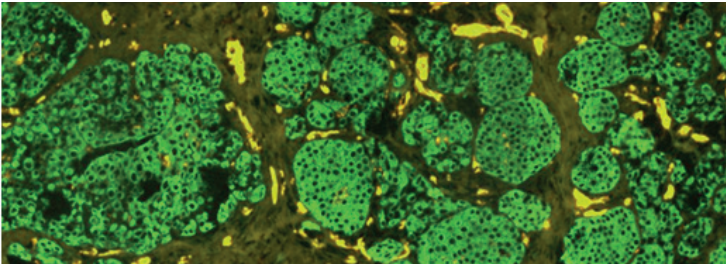
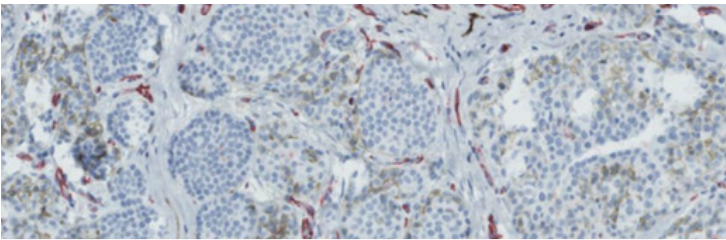


APPLICATION: Cancer screening

To aid in cancer diagnosis, a whole slide is scanned and digitised using both brightfield and fluorescence techniques.



Epifluorescence (monoclonal anti-cytokeratin stain amplified with anti mouse antibody labelled with Cy-2 dye). (0.5 um/pixel). Image courtesy Professor Isola



Brightfield with H&E stain. (0.5 um/pixel). Image courtesy Professor Isola.

Digitised samples can be easily viewed on a PC, and makes them available for remote diagnosis. Digitising the samples reduces the requirement to physically archive thousands of samples, saving pressure on limited space.

Parts used: PL200 Slide Loader/ PL101A stage/ V31XYZE ProScan III controller

To find out more, visit www.prior.com or email uksales@prior.com. ©2016 Prior Scientific Instruments Ltd. ProScan® is a registered trademark of Prior Scientific Instruments Ltd.

CHALLENGE: Digitising large numbers of slides quickly and reliably

SOLUTION: Slide Loader from Prior Scientific

Digitising slides is a time consuming process. Using the PL200 slide loader, the pathologist can load, scan, and unload multiple loads automatically, greatly increasing the efficiency of the process.

A barcode reader and multiple sensors safeguard sample and data integrity.

Technical staff are freed up for other duties.

“The Prior PL200 is the crucial component in our scanner....I can foresee a strong future for the Prior PL200...one system has been used for over 4 years without any service. I have high respect for the durability of Prior components.”

Professor Jorma Isola, University of Tampere, Finland

