



Cover legend: (top) The effect of exposure to light and storage temperature on porphobilinogen (PBG) concentration of 10 urine pools measured over a 7-day period. Mean PBG concentrations expressed as percentages of the baseline concentrations for pooled urine samples stored either exposed to light at room temperature, protected from light (dark) at room temperature or protected from light (dark) in the fridge. The baseline PBG concentrations of the 10 pools were 29, 32, 59, 73, 122, 130, 141, 235, 251 and 316  $\mu\text{mol/L}$  (normal reference limit  $<10.7 \mu\text{mol/L}$ ). (Bottom) CK5 expression of MECs in three DCIS with extensive LI cases. (A) Representative micrograph of H&E-stained DCIS with LI shows that the acini of a slightly distended lobular unit are completely involved with tumour cells. (B) and (C) H&E staining shows that some acini in lobular units were only partly involved with tumour cells. (D) The myoepithelial layers are CK5-positive. (E) and (F) The MECs in DCIS with LI are CK5-positive (asterisks). However, MECs in the scattered normal lobules remain CK5-negative (arrows). (G-I) p63 staining describes the myoepithelial layer. DCIS, ductal carcinomas in situ; LI, lobular involvement; MECs, myoepithelial cells.

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