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ARTICLE TITLE: Novel Histochemical Stain for Tinctorial Detection of Cancer and Neoplastic Cells

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1. Today, the core of cancer detection, diagnosis, and classification is still the light microscopic analysis of morphology.

True False

2. At the beginning of the forced differentiation process the cells are incubated in medium for:

- A. 2 hours
- B. 10 hours
- C. 24 hours**
- D. 48 hours

3. The three staining methods used in this study are H&E, Zetiq CellDetect , and Phosphorylase.

True **False**

4. According to Table 1 which stain showed a red nuclear and red/purple cytoplasm color?

- A. Non-neoplastic CellDetect stain
- B. Neoplasia CellDetect stain**
- C. Non-neoplastic H&E stain
- D. Neoplasia H&E stain
- E. None of the above

5. In figure 4 the neoplastic cells are staining with an intense blue/green color.

True **False**

6. According to this study, the staining reaction was specific to the cytoplasm showing neoplastic cells had red/purple stained cytoplasm in contrast to non-neoplastic cells with blue/green stained cytoplasm.

True False
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