

# PATHOLOGY CORE

## Tunel Labeling-Roche Protocol

- Deparaffinize and rehydrate sections
- Rinse in dH<sub>2</sub>O
- Proteinase K Pretreatment 20min @37 degrees (DAKO 1drop per ml, prewarm solution and humidified chambers)
- PBS 5 min
- Prepare Labeling Mix
  - 20ul Enzyme Solution + 450ul Labeling Mix (Save 50ul Labeling Mix for neg ctrl)
  - Incubate @37 degrees for 1hr 15min
- PBS 5min (DARK)
- Check Staining under FITC Cube
- Methanol H<sub>2</sub>O<sub>2</sub> 45ml methanol + 5ml H<sub>2</sub>O<sub>2</sub> for 5 min
- Rinse in PBS
- Anti-FITC HRP antibody 1:800 for 30min at room temp
- Rinse in PBS
- Develop with DAB for 10 min
- Counter stain with Hematoxylin/dehydrate and coverslip

### Add Hu Tonsil for a Positive and Negative Control

#### Reagents:

Enzyme Solution	Cell Center #3180	\$101.98	50ul x2
Labeling Mix	Cell Center #3179	\$76.63	500ul x3
Anti FITC HRP antibody	Roche #11 426 346 910	\$205.00	200ul