**TH Immunohistochemistry protocol for Slide Mounted Sections (To be Tested)**

*Day 1:*

Place slides on a slide warmer for approximately 30 to defrost tissue and allow it to adhere to slide

1) Fix tissue for 5 min. at RT in formaldehyde

2) Rinse: 3 x 15 min. in 1X (0.01M) PBS

3) Block: 60 min. in PBT (1X PBS w/ 0.25% Triton-X) w/ 3% donkey serum (NDS)

4) Primary Antibody Incubation: overnight @ RT (each slide gets 100 l)

PBT (1X PBS w/ 0.25% Triton-X)

3% NDS

1:1,000 Ms anti-TH (Millipore, Catalog #MAB318).

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*Day 2:*

1. Rinse: 3 x 10 min. in PBT (1X PBS w/ 0.25% Triton-X)
2. Secondary Antibody Incubation: 120 min.

PBT (1X PBS w/ 0.25% Triton-X)

3% NDS

1:500 Alexa-488 Gt-anti-Ms

1. Rinse: 3 x 15 min. in 1X PBS
2. Coverslip using Prolong gold