

## E-341      HYALURONIDASE DIGESTION

### **STAINING PROCEDURE:**

1. Including a control slide with the process, deparaffinize and hydrate duplicate sections to distilled water.
2. Prepare Hyaluronidase Digestion Solution by dissolving 0.05gm **Testicular Hyaluronidase**,(E-341-1) in 100.0ml of the **Phosphate Buffer, 0.1M**, (E-341-2). Mix just before use.
3. Digest slides in Hyaluronidase Digestion solution at 37°C for 1 hour. Incubate undigested slides in **Phosphate Buffer, 0.1M**, (E-341-2) @ 37°C for 1 hour.
4. Wash both sets of slides in running water for 5 minutes.
5. Stain as desired.

### **RESULTS:**

Staining attributable to Hyaluronic Acid, Chondroitin 4 Sulfate, or Chondroitin 6 Sulfate is selectively eliminated.

### **REFERENCES:**

AFIP Manual of Histological Staining Methods, 3<sup>rd</sup> ed., Ed. L. Luna: New York: McGraw Hill Publications, c. 1968, p. 171.