

## **PowerChrome Green Chromogen Kit**

### **1. Product Description & Intended Use**

**Description:** Green chromogen kit including 50 mL of PowerChrome green buffer and 1 mL of PowerChrome green chromogen.

**Intended Use(s):** For use in immunohistochemistry (IHC) applications with the HRP enzyme. Tested in FFPE sections. Reported to work in frozen sections, but not tested.

### **2. Physical Appearance**

**Green Buffer:** Clear and transparent liquid. Liquid may have slight precipitate when cold.

**Green Chromogen:** Yellow and transparent liquid. Chromogen should not be cloudy.

### **3. Storage & Handling**

**Storage Conditions:** Store at 4C.

**Shelf Life:** Refer to expiration date on label.

### **4. Application & Usage Instructions**

**Mixing:** Aliquot required volume of green buffer and allow to warm to room temperature. Combine at a 50X (buffer) : 1X (chromogen) ratio. For every 980 µL of green buffer, add 20 µL of green chromogen. If color is too strong, you may use a higher dilution such as 100X (buffer) : 1X (chromogen) dilution. Mixture is stable for 6 hours.

**Application:** Dispense PowerChrome green mixture over tissue and cover completely. This is generally 150-200 µL for most tissue. Incubate for 3-6 minutes. Some applications may require shorter or longer incubation times. Observe stain for desired strength. Low risk for use on auto-stainer use. Watch for adverse effects if using on auto-stainer. If using in a multiplex, green chromogen is always developed last.

**Mounting:** **The green chromogen is not compatible with aqueous mounts, use only resin-based mountants.** To prevent chromogen fading for longer term storage, Power Chromogen Sealant, cat # PCS-015, is recommended.

**Disclaimer:** **RESEARCH USE ONLY. NOT FOR HUMAN OR ANIMAL THERAPEUTIC OR DIAGNOSTIC USE.**

*This kit is intended for research purposes only. It should be handled by trained laboratory personnel in accordance with established safety procedures. Refer to the Technical Data Sheet (TDS) for detailed information on handling and storage. This product is not intended for use in diagnostic procedures on humans or animals, nor for therapeutic applications.*

Email: [matt@731bio.com](mailto:matt@731bio.com)

Website: [www.731bio.com](http://www.731bio.com)