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## CERTIFICATE OF ANALYSIS

Product **VectaMount<sup>®</sup> Mounting Medium**

Catalog No. **H-5000**

Amount **60 ml**

Lot No. **ZG0302**

Storage Conditions **Room Temperature**

**VectaMount<sup>®</sup>** Mounting Medium is a non-flammable, non-hazardous, and odorless formula for permanently preserving precipitable enzyme substrates in tissue sections or cell preparations. **VectaMount<sup>®</sup>** Mounting Medium retains the color and intensity of preparations stained with commonly used enzyme substrates, such as DAB, ImmPACT<sup>®</sup> DAB, ImmPACT<sup>®</sup> DAB *EqV*, TMB, Vector<sup>®</sup> VIP, ImmPACT<sup>®</sup> VIP, Vector<sup>®</sup> SG, ImmPACT<sup>®</sup> SG, Vector<sup>®</sup> NovaRED<sup>™</sup>, ImmPACT<sup>®</sup> NovaRED<sup>™</sup>, Vector<sup>®</sup> Red, ImmPACT<sup>®</sup> Vector<sup>®</sup> Red, Vector<sup>®</sup> Blue, Vector<sup>®</sup> Black and BCIP/NBT. It is yellow in color, optically clear, and contains no toluene or xylene.

**VectaMount<sup>®</sup>** Mounting Medium is compatible with most\* clearing agents, including aliphatic hydrocarbon- (e.g. d-limonene) or aromatic hydrocarbon- (e.g. toluene or xylene) based clearing agents.

### **Guidelines for use:**

Following dehydration and clearing of the tissue section or cell preparation on a slide, dispense a small amount of **VectaMount<sup>®</sup>** Mounting Medium on or adjacent to the section using a pipette (plastic or glass) or glass rod. As the coverslip is applied, the medium will disperse over the entire coverslipped area.

Allow the preparation to dry. This may take one to several hours, depending on the temperature, humidity, type of clearing agent used, and amount of mounting medium applied. Drying can be accelerated by incubating the slide in a 60 °C to 75 °C oven for 15 to 30 minutes. Allow the slide to cool before storage.

**VectaMount<sup>®</sup>** Mounting Medium dries clear with an ideal refractive index. Mounted slides can be viewed with high magnification oil immersion lenses. Also, when mounting preparations stained with the BCIP/NBT substrate, crystal formation that may occur when using other media is minimized.

If necessary, the coverslip can be removed by incubating the slide in xylene or a d-limonene-based clearing agent. Removing the coverslip using a d-limonene-based product may require a longer incubation time.

Keep container tightly sealed when not in use. Some cloudiness of the solution may be present but will have no adverse affect on the appearance of the mounted section.

*\*For most xylene-free clearing agents such as Clear-Rite 3, incubation times of at least 3x 3-5 minutes is recommended.*