

# VectaMount<sup>®</sup> Express Mounting Medium

<b>Cat. No.</b>	H-5700-60
<b>Storage</b>	Room Temperature
<b>Refractive Index</b>	1.49
<b>Description</b>	Non-aqueous formulation for preserving histochemical stains and enzyme substrates without the need for clearing agents e.g., xylene.

VectaMount Express is a non-aqueous clearing and mounting medium enabling the rapid mounting of cell and tissue specimens following immunohistochemistry (IHC) staining. This novel formulation is engineered to enable mounting directly following staining, saving time by eliminating the need for extensive ethanol and clearing washes prior to coverslipping. Just stain your slides as per your usual workflow, briefly wash in isopropyl alcohol, and coverslip.

This optically clear formula enables the long-term preservation of histochemical stains or precipitable enzyme substrates in tissue sections and cell preparations. Compatible with horseradish peroxidase (HRP) and alkaline phosphatase (AP) enzyme substrates, as well as commonly used counterstains, this mounting medium preserves the intensity, localization, and clarity of staining in the specimen. With a refractive index of 1.49, that closely matches the refractive index of the slide and tissue specimen, this mounting medium results in high-quality imaging free of distortion or artifact.

## Components

Product Name	Volume
VectaMount Express Mounting Medium	60 ml

## Guidelines for Use

- 1) After final staining protocol is complete, wash slides in tap water for 5 minutes.
- 2) Perform rapid dehydration with two washes in 99% histological grade isopropanol (also called 2-propanol or isopropyl alcohol) for at least 1 minute, each. Histological grade alcohol can also be used, however, isopropanol is recommended. Processing through a standard graded series of alcohol can also be substituted, if desired.
- 3) Remove a slide from the isopropanol, blot excess, and immediately apply mounting medium to tissue section(s)\*. For a standard-sized tissue section (less than 22 mm<sup>2</sup>), 2 drops of mounting medium are recommended.
- 4) Slowly lower coverslip onto mounting medium avoiding air bubbles.
- 5) Allow slides to dry flat at ambient temperature.
- 6) Slides can be viewed immediately, however, 10–20 minutes are required for coverslip to set.
- 7) Store coverslipped slides at ambient temperature. We do not recommend storage at elevated temperature (oven).

## Notes

- Keep container tightly sealed when not in use.
- Coverslips may be removed by incubating the slide in xylene.
- VectaMount Express Mounting Medium is compatible with ImmEdge<sup>®</sup> Hydrophobic Barrier PAP Pen use and other hydrophobic barrier pens. In most cases, pen residue will not interfere with coverslip placement or imaging and removal prior to mounting is not required.
- \*When using Vector<sup>®</sup> NovaRed<sup>®</sup>, ImmPACT<sup>®</sup> NovaRed, Vector VIP, or ImmPACT VIP substrates, optimal results are achieved if slides are allowed to dry completely prior to the addition of mounting medium.