

Histological Clearing Agents

National Diagnostics has a history of innovation in providing alternatives to the use of hazardous chemicals in the laboratory. Because xylene is a serious health risk for technicians working in histology, cytology, anatomy and pathology laboratories, National Diagnostics offers a range of solvent substitutes that eliminate the hazards associated with xylene without compromising performance. Our clearing agents ensure both good results and safe practice.



Histo-Clear®



- Rapid Clearing without the Toxic Hazards of Xylene
- Biodegradable
- Greatly Reduces Disposal Costs
- Superior Results with Lower Citrus Odor
- Natural Product with Food Grade Rating World-Wide

The use of Histo-Clear in the laboratory means no longer having to breathe xylene when preparing histological sections. Distilled from oranges, carefully purified, and stabilized, Histo-Clear is one of the safest clearing agents available.

Histo-Clear not only improves safety but also results. Histo-Clear leaves tissue less hard and brittle than xylene, facilitating the cutting of thin sections and prolonging microtome blade life. Nuclear morphology is rendered in fine detail. Histo-Clear enhances the clarity and vibrance of acidophilic stains and improves staining of Harris' Hematoxylin with a brighter Eosin background. Histo-Clear can directly substitute for xylene and yields excellent results in automated tissue processing.

APPLICATION

Processing Fixed Tissue - Clearing..... 107

The Safety of Histo-Clear

No acute or chronic toxicity.

vs.

The Hazards of Xylene

Exposure to xylene may cause systemic toxicity including adverse effects to the kidney, liver, brain, blood, spleen, fetus and central nervous system. Repeated and prolonged occupational exposure has been associated with permanent brain and nervous system damage (sometimes referred to as solvent or painter's syndrome). Xylene may cause adverse reproductive and/or developmental effects. Pregnant women may be at an increased risk from exposure. Preexisting medical conditions which may be aggravated by exposure include disorders of the skin, eye, heart, kidney, liver, blood, respiratory system, neurological and hemopoietic organs.



Product Name	Cat. No.	Size
Histo-Clear	HS-200	1 gal.
		4X1 gal.
		1X5 gal.
		1X55 gal.

MOUNTING MEDIA		
Histomount [pg 107]	HS-103	100 ml
		4X100 ml
		450 ml
		4X450 ml
Hydromount [pg 107]	HS-106	100 ml
		4X100 ml
		4X100 ml
Omnimount	HS-110	100 ml
		4X100 ml