

Pathological Reagent

Tissue Fixative



Introduction:

Tissue fixative is a crucial reagent in pathology, histology, and biological research. Its core function is to cross-link or precipitate biological macromolecules such as proteins and nucleic acids in tissue cells through chemical methods, thereby preserving the morphological structure of tissues and cells as they were in the living state, and preventing their autolysis and decomposition.

Parameters:

Reagent Name	Tissue Fixative
Product Models	4% Paraformaldehyde Fixative, Formalin Fixative (10%), Neutral Formalin Fixative (10%), Davidson's Fixative, FAA Fixative
Product Specifications (Optional customization)	100ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1, 20L*1, 50L*1

Decalcifying Solution



Introduction:

Decalcifying solution is an indispensable reagent for processing bone and calcified tissues. Its function is to remove calcium salts and soften tissues. Choosing a decalcifying solution essentially involves a trade-off between "speed", "tissue morphology preservation" and "biomolecular integrity".

Parameters:

Reagent Name	Decalcifying Solution
Product Models	EDTA Decalcifying Solution (8%), EDTA Decalcifying Solution (10%), EDTA Decalcifying Solution (12%), Fast Acid Deecalcifying Solution (5%), Fast Acid Decaleifying Solution (8%), Formic Acid Decalcifying Solution, Citrate Decalcifying Solution, EDTA-Formalin Decalcifying Solution
Product Specifications (Optional customization)	100ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1

Dewaxing Solution

Introduction:

The purpose of dewaxing solution is to ensure that biological tissues can be made into a microscope slide with bright staining, clear structure and long-term preservation, providing the most basic and crucial technical support for pathological diagnosis and scientific research.

Parameters:

Reagent Name	Dewaxing Solution
Product Models	Environment friendly impregnated wax dewaxing solution
Product Specifications (Optional customization)	100ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1



Cryo-Embedding Medium



Introduction:

Cryo-embedding medium is the basic material for high-quality frozen sections. It provides necessary physical support for tissue samples, while perfectly balancing the two major needs of morphology preservation and biological activity retention.

Parameters:

Reagent Name	Cryo-Embedding Medium
Product Specifications (Optional customization)	100ml*1, 120ml*1, 200ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1

Hematoxylin Staining Solution



Introduction:

Its fundamental purpose is to clearly display the normal and abnormal morphological structures of tissues and cells through color contrast, thereby providing the most direct basis for diagnosis and research.

Parameters:

Reagent Name	Hematoxylin Staining Solution
Product Specifications (Optional customization)	50ml*1, 100ml*1, 200ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1

Differentiation Solution



Introduction:

Differentiation solution is a key reagent for high-quality staining. It optimizes staining results through selective decolorization, and its precise application is the decisive factor in obtaining clear images for pathological diagnosis and research.

Parameters:

Reagent Name	Differentiation Solution
Product Specifications (Optional customization)	50ml*1, 100ml*1, 200ml*1, 500ml*1, 1L*1, 2L*1, 5L*1, 10L*1

Bluing Solution



Introduction:

Bluing solution is a key reagent in HE staining. It creates a weakly alkaline environment to convert the hematoxylin-stained cell nucleus from red to a stable blue, thus creating a clear nucleus-cytoplasm contrast and laying the foundation for pathological diagnosis.

Parameters:

Reagent Name	Bluing Solution
Product Models	Lithium Carbonate type, Ammonia type, Scott type
Product Specifications (Optional customization)	50ml*1, 100ml*1, 500ml*1, 1L*1, 2L*1, 5L*1