

## Myelin stain kit (chromotropic acid 2R method)

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Myelin Sheath is a layer of membrane wrapped around the axon of nerve cells, that is, the myelin sheath is composed of myelin cells and cell membranes. It is a multi-layer lipid bilayer structure formed by the plasma membrane of the neurolemma cells spirally winding along the axis of the axon. There are Ranvier nodes on the myelin sheath, which can jump and transmit nerve impulses. Weil myelin staining can show whether the myelin sheath is complete, degenerated, necrotic and repaired under pathological conditions, which is meaningful for the pathological diagnosis and research of nerve tissue. For example, when nerve fibers are damaged, the myelin sheath may swell, bend into a spherical shape, break or completely disappear due to desheathing.

The chromotropic acid 2R myelin stain is mainly composed of chromotropic acid 2R stain solution and brilliant green stain solution. After staining, the myelin sheath appears dark red, the demyelinated fibers are not stained, and the interstitium is green.

Catalog No.	261067
Size	4 x 50mL
Product Category	Histochemical Stain
Storage/Stability	Ambient/1 year
Shipping	Ambient