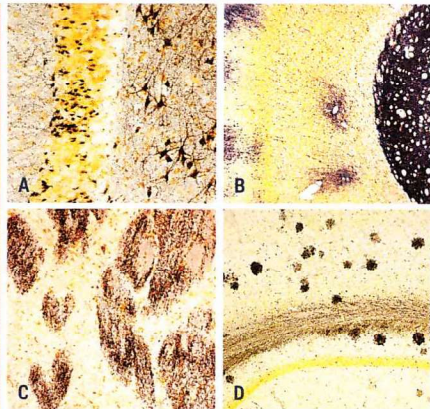


UNIQUE and QUALITY products for NEUROHISTOLOGY research

SINCE
1996

Our products and services have been frequently cited (at least two publications per week) in a number of prestigious journals, including *Nature*, *Cell*, *Science* and *Nature Medicine*. This is an honor that none of our competitors have yet achieved.



Detection of neuronal damage in animal models of epilepsy (A), stroke (B) and traumatic brain injury (C) as well as amyloid plaques in a mouse model of Alzheimer's disease (D) with FD NeuroSilver™ Kit II.

FD NeuroSilver™ Kit II

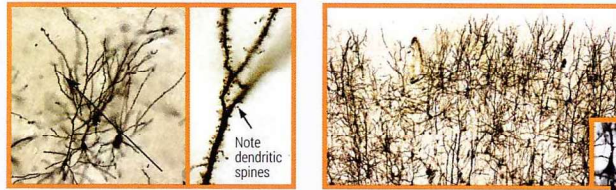
A rapid silver staining kit for the microscopic detection of neuronal damage in the central nervous system of experimental animals

- Specific staining of degenerating neuronal somata, axons and terminals, as well as amyloid plaques
- Simple procedure, which only needs one hour
- Works with cryostat or vibratome sections
- Enables staining large quantities of tissue sections at once or processing a few sections over a period of time
- May be used in combination with immunohistochemistry on the same sections

FD Rapid GolgiStain™ Kit

A complete Golgi-Cox staining system for the study of normal and abnormal morphology of neurons as well as glia, especially dendritic spines in the brain

- Enables processing large or small quantities of specimens at once or over a period of time
- Includes all necessary reagents
- Cost-effective: one kit can process up to 50 mouse brains



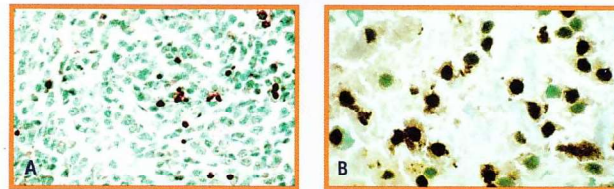
Rat subiculum, 100 micron cryostat section processed with FD Rapid GolgiStain™ Kit

Human cortex, 180 micron cryostat section processed with FD Rapid GolgiStain™ Kit

FD NeuroApop™ Kit

A complete labeling system for the microscopic detection of neurons undergoing apoptosis based on *in situ* DNA nick-end labeling technique

- High specificity and sensitivity with very low background
- Works with frozen and paraffin sections as well as cultured cells
- Includes all necessary reagents
- Simple procedure, which takes about four hours



Paraffin and cryostat sections from a dorsal root ganglion of mouse embryo (A) and the rat striatum of a stroke model (B), respectively, were processed with FD NeuroApop™ Kit and were counterstained with methyl green.

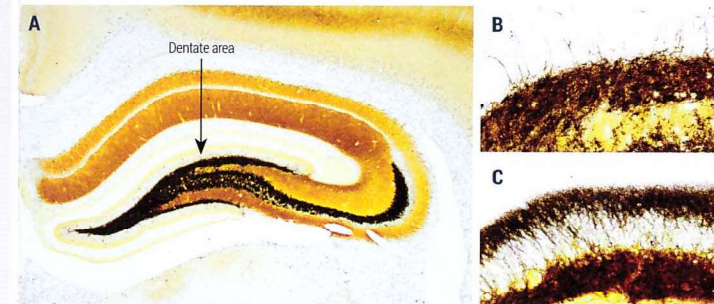
BENEFITS OF USING PRODUCTS BY FD NEUROTECHNOLOGIES:

- Reliable, sensitive, consistent and efficient
- Minimal histological experience and lab materials are required
- Simple procedure and easy to use
- Expert technical support

FD Rapid TimmStain™ Kit

A rapid staining kit for visualizing metals, especially zinc-containing elements in the brain of experimental animals

- Simple procedure, which takes about two hours
- Enables staining large quantities of tissue sections at once or processing a few sections over a period of time
- Works with cryostat or vibratome sections
- May be used in combination with immunohistochemistry on the same sections



30µm cryostat section from the hippocampus of a normal rat processed with FD Rapid TimmStain™ Kit (A). High magnification of the dentate area of a normal rat (B), as indicated by arrow in (A), and (C) a rat with recurrent seizures – each processed with FD Rapid TimmStain™ Kit.