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K. NEUROLOGICAL TISSUE STAINS METHODS FOR SUPPORTING ELEMENTS

PRODUCT NO.	STAINING METHOD/REAGENTS
NEW!	PHOSPHOTUNGSTIC ACID HEMATOXYLIN <i>Luna (1992)</i>
	<i>Nuclei, Myelin Sheaths, and glial cell processes</i>
K- 658-2	Phosphotungstic Acid Hematoxylin (PTAH) Sol.
K- 658-3	Oxalic Acid, 5%, Aqueous
K- 658-4	Lugols' Iodine Solution
K- 658-5	Potassium Permanganate, 0.25%
K- 658-7	Potassium Dichromate, 2.5%
	SEVIER-MUNGER METHOD FOR NEURAL TISSUES <i>Sevier and Munger (1965)</i>
	<i>Axons, myelin sheaths, peripheral neurites, etc.</i>
* K - 659-1A	Silver Nitrate, 10%, Aqueous
* K - 659-1B	Ammonium Hydroxide, Conc.
K - 659-1C	Sodium Carbonate Solution, Aqueous
* K - 659-2	Silver Nitrate, 20%, Aqueous
K - 659-3	Formalin, 2%
K - 659-4	Sodium Thiosulfate, 5%, Aqueous

METHODS FOR NERVE CELLS, NISSL GRANULES, NEGRI BODIES, AND CHROMATOLYSIS

PRODUCT NO.	STAINING METHOD/REAGENTS
	VOGT'S METHOD FOR NERVE CELL PRODUCTS
	<i>Nissl substance</i>
K - 671-1	Cresyl Violet Acetate, 2%, Aqueous...and
K - 671-2	Acetate Buffer OR
K - 671-1A	Cresyl Violet Acetate Working Solution

METHODS FOR MYLIN SHEATHS

PRODUCT NO.	STAINING METHOD/REAGENTS
	PAL-WEIGERT METHOD <i>Clark and Ward (1934); Pal (1886); Weigert (1884, 1885, 1891)</i>
	<i>Myelin sheaths in brainy spinal cord, peripheral nerves and ganglia</i>
K - 680-1	Lithium Carbonate Solution, Aqueous
* K - 680-2	Alcoholic Hematoxylin, Solution, 10%
K - 680-3	Ferric Ammonium Sulfate, 4%, Aqueous
K - 680-4	Potassium Permanganate, 0.4%, Aqueous
K - 680-5	Oxalic Acid, 1%, Aqueous
K - 680-6	Sodium Sulfite, 1%, Aqueous
	KLUVER-BARRERA METHOD FOR MYELIN AND NERVE CELLS <i>(1963)</i>
	<i>Relation of nerve cells to neuroglia, etc.</i>
* K - 681-1	Luxol Fast Blue MBS Solution, 0.1%
K - 681-2	Cresyl Violet Acetate Solution, 0.1%, Aq.
* K - 681-3	Acetic Acid, 10%, Aqueous
K - 681-4	Lithium Carbonate Solution, 0.05%, Aq.

*denotes extra hazard charge

PRODUCT NO.	STAINING METHOD/REAGENTS
	WOELCKE'S METHOD FOR MYELIN SHEATH
	<i>Myelin sheath, glial cells and nucleoli of neurons</i>
* K - 684-1	Ferric Ammonium Sulfate, 2.5%, Aqueous
K - 684-2	Alcoholic Hematoxylin Stock Solution, 10%
K - 684-3	Lithium Carbonate Solution, Sat'd., Aqueous

METHODS FOR NERVE FIBERS AND NERVE ENDINGS

PRODUCT NO.	STAINING METHOD/REAGENTS
	BIELSCHOWSKY'S METHOD
	<i>Mallory (1961); Davenport, Windle and Beech (1934); Beech and Davenport (1933); Bielschowsky (1904, 1909)</i>
	<i>Axis cylinders, dendrites and neurofibrils</i>
K - 691-1	Silver Nitrate, 2%, Aqueous
* K - 691-2	Silver Nitrate, 10%, Aqueous
* K - 691-3	Sodium Hydroxide, 40%, Aqueous
* K - 691-4	Ammonium Hydroxide, Conc.
K - 691-5	Gold Chloride Solution, Dilute, Aqueous
K - 691-6	Formalin, 20%
K - 691-7	Sodium Thiosulfate, 5%, Aqueous
	BODIAN'S PROTARGOL METHOD (1936, 1937)
	<i>Myelin and nerve fibers, spinal cord, brain, etc.</i>
K - 693-1	Protargol Solution, 1%, Aqueous
K - 693-2	Copper Shot
K - 693-3	Gold Chloride, 1%, Aqueous
K - 693-4	Aniline Blue Solution OR
K - 693-4A	Lissamine Fast Red Solution
K - 693-5	Hydroquinone Reducing Solution
K - 693-6	Oxalic Acid, 2%, Aqueous
K - 693-7	Sodium Thiosulfate, 5%, Aqueous
K - 693-8	Phosphomolybdic Acid, 1%, Aqueous
K - 693-9	Tartrazine Solution, 1.5%
	HOLMES METHOD FOR NERVE CELLS AND FIBERS (1943)
	<i>Axis cylinders, nerves, nerve endings</i>
* K - 697-1	Silver Nitrate, 20%, Aqueous
K - 697-2	Impregnating Solution
K - 697-3	Hydroquinone Crystals
K - 697-4	Sodium Sulfite Crystals, Anh.
K - 697-5	Gold Chloride, 0.2%, Aqueous
K - 697-6	Oxalic Acid, 2%, Aqueous
K - 697-7	Sodium Thiosulfate, 5%, Aqueous
	HIRANO-ZIMMERMAN METHOD FOR NERVE CELLS AND FIBERS (1962)
	<i>Neurofibrils, dendrites, axis cylinders, senile plaques, etc.</i>
* K - 698-1	Silver Nitrate, 10%, Aqueous
K - 698-2	Ammonia Water, 0.1%
* K - 698-3	Formalin Solution, 50%
K - 698-4	Gold Chloride, 0.05%, Aqueous
K - 698-5	Sodium Thiosulfate, 5%, Aqueous

*denotes extra hazard charge