



# SPECIAL STAINS

# Diagnostic BioSystems Special Stains

Diagnostic BioSystems offers Special Stains ranging from Acid-Fast Bacteria Stain Kit to Warthin-Starry Stain Kit. The reagents are packaged for optimal staining quality. They are designed for usage right out of the box, minimizing setup time. Each Diagnostic BioSystems Special Stain Kit has been quality assured and comes with complete instructions for use.

Each kit has sufficient reagents for 100 tests.

Special Stain	Description	Cat. No.
Acid Fast Bacteria	Intended for use in the histological visualization of Acid Fast Bacilli and Tubercle Bacilli against a light green counterstain.	KT 001
Alcian Blue, pH 1.0	Differentiates strongly sulfated (blue stain) while staining nuclei red and cytoplasm background pale pink.	KT 002
Alcian Blue, pH 2.5	Stains acidic mucins, carboxylated and sulfated mucosubstances in blue.	KT 003
Amyloid	Visualize amyloid with Congo Red color.	KT 008
Colloidal Iron	Stains acid mucopolysaccharides bright blue while detecting collagen in red.	KT 004
Combined Eosinophil-Mast Cell	Stains eosinophils bright red and simultaneously stains Mast cells bright blue.	KT 007
Copper	Stains copper deposits light brown to red, while the nuclei stain blue.	KT 033
Elastic	Detects atrophy, thinning and loss of elastic fibers in vascular disease.	KT 012
Fite's Stain	Lepra bacillus stain red while the background stains blue.	KT 013
Fontana-Masson	Argentaffin cells and melanin in paraffin tissues sections stain brown to black, while the nuclei stain pink.	KT 014
Giemsa	Differentiates between Helicobacter pylori (blue) and mast cells (dark blue with red granules) leaving nuclei to stain blue to violet and the cytoplasm stains light blue.	KT 016
G.M.S.	Stains fungi and Pneumocystis carinii gray to black, while the background stains green.	KT 015

Special Stain	Description	Cat. No.
Gram	Stains Gram-negative bacteria red, Gram-positive bacteria blue, while other tissues and the nuclei stain yellow and red respectively.	KT 018
H. Pylori Rapid Stain	Stains Helicobacter pylori bacteria blue while the background stains pale blue.	KT 019
Iron Stain	Ferric iron in paraffin tissue sections stains blue, leaving nuclei and other tissue to stain red and pink respectively.	KT 021
Luxol Fast Blue	Stains myelin fibers blue to greenish blue, leaving the cells to stain pink to violet.	KT 022
Methyl Green Pyronin	Stains DNA blue-green to green and RNA stains pink to red.	KT 023
Mucicarmine	Stains epithelial mucin pink to red, while the nuclei stain blue.	KT 024
Oil Red O	Stains fat cells and neutral cells red, while the nuclei stains blue.	KT 025
Papanicolaou Stain	Differentiates between a variety of cells in vaginal smears for detection of vaginal, uterine and cervical cancer.	KT 038
P.A.S.	Stains fungi, glycogen and mucin pink to red, while the nuclei and other tissue stain blue and green respectively.	KT 027
Picro Sirius Red Stain	Intended for use in the histological visualization of collagen I and III fibers in addition to muscle in tissue sections.	KT 037
Pneumocystis	Stains pneumocystis carinii violet to purple and the connective tissue stains blue to green.	KT 030
P.T.A.H.	Stains collagen brownish red, fibrin and muscle stain blue, while the nuclei stain dark blue.	KT 029
Reticulum	Demonstrates histology of reticular fibers against a red background.	KT 031
Steiner	Differentiates Legionella pneumophila (cat scratch fever) dark brown, spirochetes, Helicobacter pylori and fungi stain black, while the background stains yellow, tan or brown.	KT 035
Trichrome	Differentiates muscle and intercellular fibers with red stain, while the nuclei and collagen stain black and blue respectively.	KT 034
Von Kossa	Calcium deposits stain black, while the nuclei and cytoplasm stain red and pink respectively.	KT 028
Warthin-Starry	Identifies Helicobacter pylori, Legionella pneumophila with dark brown stain, while spirochetes and cat scratch fever bacteria stain black.	KT 036

For more about Diagnostic BioSystems Special Stains, visit our website at: [dbiosys.com](http://dbiosys.com)



**United States (Headquarters)**

6616 Owens Drive, Pleasanton, CA 94588, USA  
Toll Free: (888) 896-3350, [customersupport@dbiosys.com](mailto:customersupport@dbiosys.com)



Contact your distributor  
for more information  
and visit us at [www.dbiosys.com](http://www.dbiosys.com)

**Europe**

Germany  
Lake Constance  
Cell: +49 7557 929 3915  
[wolfgang.vogel@dbiosys.com](mailto:wolfgang.vogel@dbiosys.com)

**Mexico**

Avenida Aztecas # 95, Casa 4  
Colonia Pueblo de los Reyes  
Alcaldia Coyoacan  
CDMX, C.P. 04330  
Cell: +525535709693  
[a.herrera@dbiosys.com](mailto:a.herrera@dbiosys.com)

**India**

612, Eden Square  
St. John's Road  
Secunderabad – 500003  
Cell: +91 9958293222  
[anandam@dbiosys.com](mailto:anandam@dbiosys.com)

**Canada**

32 Lemsford Drive  
Markham, ON L3S 4H4  
Cell: +1 416 219 2035  
[hosna.mujadidi@dbiosys.com](mailto:hosna.mujadidi@dbiosys.com)