

MUCIN HISTOCHEMISTRY

	Acid Epithelial Mucin (Sialomucin, Sulfomucin)	Neutral Epithelial Mucin	Stromal (Mesenchymal) Mucin (Hyaluronic Acid)	Glycogen	Other
Periodic Acid Schiff (PAS) Stain Kit #9162	Magenta	Magenta	Negative	Magenta Removed by Diastase	Stains Basement Membrane and Fungal Elements
Alcian Blue, 1%, pH2.5 Stain Kit #9102	Blue	Negative	Blue Removed by Hyaluronidase	Negative	
Mucin Stain Kit, Mayer Mucicarmine #9151	Rose	Negative	Negative	Negative	Stains <i>Cryptococcus</i>
Colloidal Iron Stain Kit, Müller-Mowry #9110	Blue	Negative	Blue Removed by Hyaluronidase	Negative	Stains <i>Cryptococcus</i>
Alcian Blue/PAS Stain Kit #91022	Violet	Magenta	Blue Removed by Hyaluronidase	Magenta Removed by Diastase	

Table simplified for clarity.

References:

1. Carson, Freida L., and Christa Hladik. *Histotechnology: A Self-Instructional Text*. 3rd ed. Chicago, Ill.: American Society of Clinical Pathologists, 2009.
2. Rekhman, Natasha, and Justin Bishop. *Quick Reference Handbook for Surgical Pathologists*. Berlin: Springer, 2011.69.