

## Histochemistry Substrates

Enzyme	Substrate	Product	Prod No	Color	Alcohol soluble product?	Mounting Media	Counterstains
<b>For Peroxidase:</b>							
	<b>DAB</b>	DAB Enhanced Liquid Substrate System	<a href="#">D 3939</a>	Brown	No	Organic or Aqueous	Mayer's hematoxylin, Methyl blue, Methyl Green, Neutral red
		DAB Liquid Substrate Dropper System	<a href="#">D 7679</a>				
		DAB Liquid Substrate System	<a href="#">D 7304</a>				
		SIGMA FAST™ DAB Tablet Sets					
		1 ml	<a href="#">D 4168</a>				
		5 ml	<a href="#">D 4293</a>				
		15 ml	<a href="#">D 4418</a>				
		w/metal enhancer, 5 ml	<a href="#">D 0426</a>	Blue-Black			
	<b>AEC</b>	AEC Staining Kit (liquid)	<a href="#">AEC-101</a>	Red	Yes	Aqueous	Methyl green, Mayer's hematoxylin, Methyl blue
<b>For Alkaline Phosphatase:</b>							
	<b>Fast Red</b>	SIGMA FAST™ Fast Red Tablets, 1 ml	<a href="#">F 4648</a>	Red	Yes	Aqueous	Methyl green, Mayer's hematoxylin
		10 ml	<a href="#">F 4523</a>				
	<b>BCIP / NBT</b>	BCIP / NBT Liquid Substrate System	<a href="#">B 1911</a>	Purple	No	Organic	Nuclear fast red, Light green
		SIGMA FAST™ BCIP / NBT Tablets	<a href="#">B 5655</a>				

AEC: 3-Amino-9-ethylcarbazole, BCIP: 5-Bromo-4-chloro-3-indolylphosphate, DAB: 3,3'-Diaminobenzidine, NBT: Nitroblue tetrazolium