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B. BLOOD STAINS AND

STAINS FOR HEMATOLOGIC ELEMENTS

PRODUCT NO.	STAINING METHOD/REAGENTS	
	WRIGHT-GIEMSA STAIN <i>Lillie(1972)</i>	Differentiation of blood corpuscles
* B - 149 - 1	Wright-Giemsa Stain	
B - 149 - 2	Phosphate Buffer, pH 6.5	
	WRIGHTS STAIN <i>Conn (1940): Wright (1902)</i>	Differentiation of blood corpuscles
* B - 150 - 1	Wright Staining Solution	
B - 150 - 2	Phosphate Buffer - pH 6.5	
	LILLIE'S WRIGHT PLAN <i>Lillie (1965)</i>	Differentiation of blood corpuscles
* B - 151 - 1	Lillie's Wright Staining Solution	
B - 151 - 2	Phosphate Buffer - pH 6.5	
	GIEMSA THIN FILM STAIN <i>(1904)</i>	Differentiation of leucocytes, rickettsia, bacteria and inclusion bodies
B - 153 - 1	Giemsa Thin Film Staining Solution OR	
B - 153 - 2	Phosphate Buffer - pH 6.5	
* B - 153 - 3	Giemsa Stock Solution	
	GIEMSA THICK FILM STAIN <i>Lillie (1965)</i>	Malarial parasites
B - 154 - 1	Giemsa Thick Film Staining Solution OR	
B - 154 - 2	Phosphate Buffer - pH 7.0	
* B - 154 - 3	Giemsa Stock Solution	
	THOMAS' METHOD FOR MALARIAL PARASITES <i>Thomas(1953)</i>	
B - 155 - 1	Phloxine B Solution, 0.5%	
B - 155 - 2	Methylene Blue - Azure B Staining Solution	
B - 155 - 3	Acetic Acid, 0.2%, Aqueous	
	PRICE'S GIEMSA METHOD <i>Price (1968)</i>	Malarial parasites and pigments, nuclei, bacterial erythrocytes
* B - 156 - 1	Giemsa Stock Solution OR	
B - 156 - 1A	Giemsa Working Solution	
B - 156 - 2	Phosphate Buffer - pH 7.0	
B - 156 - 3	Acetic Acid, 0.2%, Aqueous	
* B - 156 - 4	Alcoholic Iodine, 2%	
	LEISHMAN'S STAIN <i>Lillie (1965)</i>	Sharp nuclear and parasite staining
* B - 157 - 1	Leishman's Stain	
B - 157 - 2	Leishman's Buffer Working	
	BRILLIANT CRESYL BLUE STAIN <i>Isaacs, McGlun (1937); Cunningham (1920)</i>	Platelets and reticulum of immature red cells
* B - 158 - 1	Alcoholic Brilliant Cresyl Blue, 0.3%	
* B - 158 - 2	Wright Staining Solution	
B - 158 - 3	Phosphate Buffer - pH 6.5	

* denotes extra hazard charge

PRODUCT NO.	STAINING METHOD/REAGENTS	
	BRILLIANT CRESYL BLUE FOR COUNTING RETICULOCYTES <i>Conn (1940); Robertson (1917)</i>	Reticulate blood corpuscles
B - 159 - 1	Brilliant Cresyl Blue, 1.5%	
B - 159 - 2	Sodium Chloride, 0.85%	
	NEW METHYLENE BLUE <i>Bechner (1949)</i> Reticulocytes in peripheral blood	
B - 160 - 1	New Methylene Blue Staining Solution	
	PRUSSIAN BLUE STAIN FOR NON-HEMOGLOBIN IRON <i>Sundberg and Broman (1955)</i>	Non-hemoglobin cytoplasmic iron
B - 161 - 1A	Potassium, Ferrocyanide, 2%, Aqueous	
B - 161 - 1B	Hydrochloric Acid, 1%	
* B - 161 - 2	Wright Staining Solution	
B - 161 - 3	Phosphate Buffer - pH 6.5	
	RHODINILE BLUE STAIN <i>Simpson, Carlisle, and Mallord (1970)</i>	Heinz bodies, etc.
B - 162 - 1	Rhodinile Blue Stain	
	MALLORY'S METHOD FOR HEMOFUCHSIN <i>Mallory (1961)</i>	Heinz bodies
B - 163 - 1	Alum Hematoxylin Solution	
B - 163 - 2	Basic Fuchsin Solution, 0.5%	
	HALL'S METHOD FOR BILIRUBIN (1960)	Biliverdin
* B - 168 - 1	Fouchet's Reagent Refrigerate!	
B - 168 - 2	Van Gieson's Solution	
	TURNBULL BLUE METHOD FOR HEMOSIDERIN <i>Mallory (1961)</i>	
* B - 169 - 1	Ammonium Sulfide, Yellow	
B - 169 - 2	Hydrochloric Acid, 1%	
B - 169 - 3	Potassium Ferricyanide, 20%, Aqueous	
B - 169 - 4	Nuclear Fast Red (Kernechtrot) Solution	
	PRUSSIAN BLUE METHOD FOR HEMOSIDERIN <i>Lillie (1965); Highman (1942); Perls (1867)</i>	
B - 170 - 1	Potassium Ferrocyanide, 2%, Aqueous	
B - 170 - 2	Hydrochloric Acid, 2%	
B - 170 - 3	Safranin O, 0.2% in 1% Acetic Acid	
B - 170 - 4	Acetic Acid, 1%, Aqueous	
	MYELOPEROXIDASE STAIN <i>Elias (1981)</i>	Cells containing myeloperoxidase stain dark blue or brown
* B - 172 - 1	4-Chloro-1-Naphthol Stock Soln Refrigerate!	
B - 172 - 2	Tris-Buffer Solution, pH 7.4	
B - 172 - 3	Hydrogen Peroxide, 3% Refrigerate!	
B - 172 - 4	Methyl Green, 1%	
* B - 172 - 5	Formal-Alcohol, 10%	
	3-AMINO-9-ETHYLCARBAZOLE METHOD FOR LEUKOCYTE PEROXIDASE <i>Nelson & Davey (1977)</i>	Sites of peroxidase activity stain red-brown, nuclei-blue
* B - 173 - 1	Formalin-Acetone Fixative	
B - 173 - 2	3-Amino-9-Ethylcarbazole Staining Solution	
B - 173 - 3	Mayer's Hematoxylin	

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