

INTENDED USE

Pro-Lab Diagnostics produce a range of stains for specific staining techniques.

PRINCIPLE

Refer to a standard microbiology text.

REAGENTS
Ready to use stains:

PL.7050	Loeffler's Methylene Blue	500 ml
PL.7051	Loeffler's Methylene Blue	1 litre
PL.7054	Lactophenol Cotton Blue	500 ml
PL.7055	Lactophenol Cotton Blue	1 litre
PL.7047	Leishman's Stain	500 ml
PL.7061	Polychrome Methylene Blue	250 ml
PL.7061/5	Polychrome Methylene Blue	500 ml
PL.7066	Polychrome Methylene Blue - fixative	250 ml
PL.7066/5	Polychrome Methylene Blue - fixative	500 ml
PL.7100	Sulphuric Acid (20%)	500 ml
PL.7119	Sudan Black (0.5%)	500 ml
PL.7121	Waysons Stain	250 ml
PL.7122	Armands Stain	500 ml
PL.7123	Fields Stain A	500 ml
PL.7124	Fields Stain A	1 litre
PL.7125	Fields Stain B	500 ml
PL.7126	Fields Stain B	1 litre
PL.7127	Phenol Red 1%	100 ml
PL.7129	Alberts Stain 1	500 ml
PL.7130	Alberts Stain 1	1 litre
PL.7131	Alberts Stain 1	2 litres
PL.7132	Alberts Stain 2	500 ml
PL.7133	Alberts Stain 2	1 litre
PL.7134	Alberts Stain 2	2 litres
PL.7543	Azorubin Red	100 ml
PL.7545	Toluidine Blue	100 ml
PL.7154	Lactofuscsin	100 ml
PL.392	Calcofluor White	10 ml
PL.393	Potassium Hydroxide Reagent	10 ml

Concentrated Stains – Dilute to 1 litre with saline before use.

PL.8009	Acridine Orange	100 ml
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Concentrated Stains – Dilute to 5 litres with saline before use.

PL.8009/5	Acridine Orange	500 ml
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Cryptosporidium Staining

PL.8060	Cryptosporidium Staining Kit	
	Contains:	
	Cryptosporidium Fixative	1 x 500 ml
	Cryptosporidium Stain	1 x 500 ml
	Differentiator 1	2 x 500 ml
	Differentiator 2	2 x 500 ml
	Cryptosporidium Counterstain	1 x 500 ml
PL.7062	Cryptosporidium Stain	500 ml
PL.7065	Differentiator 1	500 ml
PL.7068	Differentiator 2	500 ml

PL.7071	Cryptosporidium Counterstain	500 ml
PL.7072	Cryptosporidium Fixative	500 ml
PL.7076	Cryptosporidium Differentiator	500 ml

Immersion Oil (Reduced hazard - DBP free)

PL.396	Immersion Oil	50 ml
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SAFETY PERCAUTIONS

1. Stains from Pro-Lab Diagnostics are offered as an *in vitro* material and are in no way intended for a curative or prophylactic purpose.
2. During and after use, handle all materials in a manner conforming to Good Laboratory Practices and consider at all times that material under test should be regarded as a potential biohazard.
3. The device poses no environmental hazard in excess of those posed by the clinical specimens used with the device. Safety precautions should be taken in handling, processing and discarding all clinical specimens as a pathogenic organism may be present. Environmental impact exists and is adequately addressed through proper disposal.

STABILITY AND STORAGE

Room Temperature. Away from sources of ignition. Away from direct sunlight. Stored under these conditions, reagents may be used up to the date of expiry on the label.

SPECIMEN COLLECTION AND PREPARATION OF CULTURES

Refer to a standard microbiology text.

MATERIALS REQUIRED BUT NOT PROVIDED

Clean glass slides, sterile loop, flame/ hot air, staining rack, tap water, immersion oil, microscope, blotting paper or equivalent substitute.

PROCEDURES

Refer to standard microbiology text.

QUALITY CONTROL








The age of the cultures and the pH of the medium in which the bacteria are grown can markedly affect their reaction to the stain. Use fresh cultures up to 24 hours old.

INTERPRATION OF RESULTS

Refer to standard microbiology text.

REFERENCES

1. Manual of Clinical Microbiology. Lennette.
2. The Practice of Medical Microbiology. 12 Edition. V2. R. Cruickshank, J.P. Duguid, B.P. Marmion, R.H.A. Swain.
3. Medical Laboratory Manual for Tropical Countries: Vol 2. Cheeseborough, Butterworth (1989)
4. Essential Staining Methods in Microbiology. PLD

	= Use by
	= Lot number
	= Catalogue number
	= Manufacturer
	= In vitro diagnostic medical device
	= Temperature limitation
	= Consult instructions for use

