

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:

PL7050	Loeffler's Methylene Blue	500 ml
PL7051	Loeffler's Methylene Blue	1 litre
PL7054	Lactophenol Cotton Blue	500 ml
PL7055	Lactophenol Cotton Blue	1 litre
PL7047	Leishman's Stain	500 ml
PL7061	Polychrome Methylene Blue	250 ml
PL7061/5	Polychrome Methylene Blue	500 ml
PL7066	Polychrome Methylene Blue - fixative	250 ml
PL7066/5	Polychrome Methylene Blue - fixative	500 ml
PL7100	Sulphuric Acid (20%)	500 ml
PL7119	Sudan Black 0,5%	500 ml
PL7121	Waysons Stain	250 ml
PL7122	Armands Stain	500 ml
PL7123	Fields Stain A	500 ml
PL7124	Fields Stain A	1 litre
PL7125	Fields Stain B	500 ml
PL7126	Fields Stain B	1 litre
PL7127	Phenol Red 1%	100 ml
PL7129	Alberts Stain	1
PL7130	Alberts Stain	1
PL7131	Alberts Stain	1
PL7132	Alberts Stain	2
PL7133	Alberts Stain	2
PL7134	Alberts Stain	2
PL7056	Iodine Acetone (Liqui Iodi Fortis)	500 ml
PL7057	Iodine Acetone (Liqui Iodi Fortis)	1 litre
PL7058	Iodine Acetone (Liqui Iodi Fortis)	2 litre

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

PL8009	Acridine-Orange	100 ml
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Concentrated Stains – Dilute to 500 ml with saline before use.

PL8009/5	Acridine-Orange	500 ml
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Staining Kits (Ready to use)

PL8060	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
PL7062	Cryptosporidium-Stain	500 ml
PL7065	Differentiator 1	500 ml
PL7068	Differentiator 2	500 ml

PL7071	Cryptosporidium-Counterstain	500 ml
PL7072	Cryptosporidium-Fixative	500 ml

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 frame/ 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

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