

Valid from
7 March 2019
NEW COBAS PCR SWAB
NOW IN USE!



Specimen Collection Guide

FOR DOCTORS

lavery.com.au

 RCPA
The Royal College of Pathologists of Australia



 Lavery[®]
PATHOLOGY

CERVICAL SCREENING

ThinPrep™

Vigorously rinse the Cervical Brush in ThinPrep™ collection vial, including pressing bristles of Cervical Brush against inside of vial. Do NOT leave head of brush inside vial. Label the vial with patient name, date of birth and anatomical site of sample.

There is no need to send an accompanying glass slide.



Single-use Cervical Screening Test

Cervical Brush (A)

Endocervical Sampler (B)



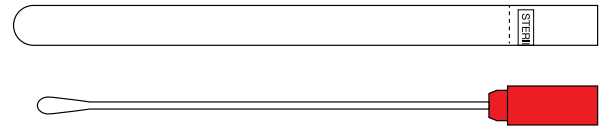
Single-use Cervical Screening Test

For self-collect the following materials are required:

1. Lavery Pathology request form
2. Dry Flocked Swab, (Red top) - Item number 684738 available from Lavery Pathology
3. Self-collect - HPV Specimen Collection. Cervical Screening Program instructions available at lavery.com.au

This test is referred to an external reference laboratory. Very strict Medicare criteria apply.

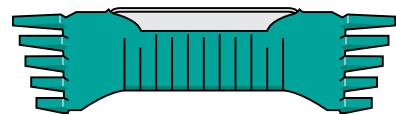
The sample **WILL NOT** be tested if Medicare criteria are not met. No Private billing option is available.



SKIN DEVICES

BIOPBLADE™

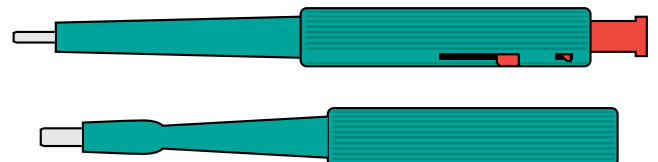
The sterile, single-use BIOPBLADE™ is a flexible scalpel used for cutaneous surgery, including: shave biopsy, saucerisation of flat lesions and levelling of pedunculated lesions. The unique design of the BIOPBLADE™ incorporates a comfortable and protective 'Fingerguard' in addition to the flexible super sharp blade. This flexibility allows the blade to be positioned at the correct angle for the intended procedure.



Skin punch biopsy devices

Punch Biopsy **with** internal plunger.
Available in 2, 3 and 4 mm.

Punch Biopsy **without** internal plunger.
Available in 2, 3, 4, 5, 6 and 8 mm.



BLOOD COLLECTION TUBES

Frequent Test/Sample	Tube
ACTH	EDTA ● Cold Collect
Aluminium	TRACE ELEMENT ●
Antenatal Screen (Hepatitis B & C, rubella, syphilis, HIV)	SST x 2 ●
Auto Antibodies (including antisperm antibodies)	SST ●
Biochemistry - Used for a wide variety of tests	SST ●
Blood alcohol (non legal)	FLUORIDE OXALATE ●
Blood glucose (if a delay in cell separation is unavoidable)	FLUORIDE OXALATE ● SST ●
Blood group and antibodies	EDTA Blood Bank ●
Chromosome blood	LITHIUM HEPARIN ●
Coagulation studies: Prothrombin time, Thrombophilia tests, Factor assays etc. INR, APTT, D-Dimer, Fibrinogen	SODIUM CITRATE ●
Crossmatch and/or Group & hold	2 x EDTA ● 1 x PLAIN Clot ●
Drug levels - Dilantin, Valproate (Some drug levels use SST, e.g., Lithium level)	PLAIN ●
E/LFT (including urea, glucose, electrolytes, liver function tests, cholesterol, triglycerides (lipids))	SST ●
Endocrinology tests (Thyroid function tests, FSH, LH, etc.)	SST ●
ESR	EDTA ●
Full blood count (including haemoglobin, white cell count, platelet count)	EDTA ●
Haematology - Used for a wide variety of tests	EDTA ●
HbA1c	EDTA ●
Hb EPP	EDTA ●
Heavy metals screen (Lead, Mercury, Cadmium & Arsenic)	TRACE ELEMENT ● EDTA ●
Hepatitis serology	SST x2 ●
HLA-B27 testing	EDTA ● or ACD ●
HLA tissue typing	ACD x 3 ● 1 x SST ● SST ● x 1 Room Temp
Iron studies/B12	SST ●
Lactate studies	FLUORIDE OXALATE ●
Lead level	TRACE ELEMENT ● EDTA ●
Leukaemia marker studies	ACD ● EDTA ● Room Temp
NIPT (Generation)	Streck Tube (special kit)
T & B Cell Genes	EDTA ● 1 x ACD ●
Lymphocyte subsets	ACD ● EDTA ●
Pregnancy tests	SST ●
Red cell folate	EDTA ● SST ●
Selenium - Red Cell	EDTA ●
Selenium - Serum or Plasma	TRACE ELEMENT ● EDTA ●
Tumour markers	SST ●
Vitamin D	SST ●
Zinc (tube needs to be urgently transferred to the lab for processing) Immediately spun/separate	TRACE ELEMENT ● EDTA ●

NOTE: Gently invert all tubes 10 times to ensure blood is mixed with the tube additive. Only tubes with serum separator are to be centrifuged. Clot for 30 minutes before centrifuging.

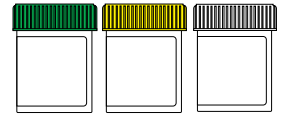
SPECIMEN CONTAINERS (Bottles may vary from image and are not shown to scale)

Urine - U/MCS, Urine Cytology, Urine Alb/creat, (Yellow Top – mid stream urine)

Molecular Testing for *Chlamydia/Gonorrhoeae/Trichomonas, Mycoplasma genitalium*
– **minimum of 30mLs urine required** (Green Top – first void urine)

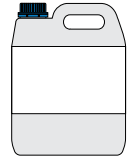
Transport to the laboratory. Refrigerate until transport is available.

Other body fluids and Sputums (White Top)



Urine Collection Bottles

- Used for timed urine collections. Patient instructions can be found on the bottle
- The bottle should be refrigerated between collections
- Depending on test requested use either plain or acid preservative bottle



Urine Drug Screen Collection Kit - NOTE: Not a bulk bill item

Refrigerate sample after collection. Chain of Custody forms detail the procedure and are available on request from Laverty Pathology.

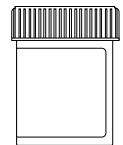
Note: Please be aware that the collection will not be AS4308 compliant unless the collection is performed by a trained collector and performed in an accredited facility.



Seminal Fluid Container (White Top)

Patient must contact Laverty pathology before collection.

Sample must reach the laboratory within 1 hour at room temperature.



Faeces Container (Brown Top)

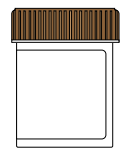
Transportation depends on the test required:

Faeces MCS - refrigerate

Faecal Antigen - refrigerate

Faeces Calprotectin - refrigerate

Stools should be received by the laboratory within 24 hours of collection



Faecal Occult Blood Collection Tube

Patients must inoculate three FOB collection tubes directly from three collected faeces specimens.

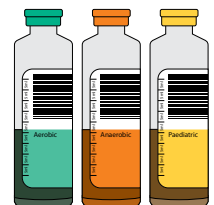
Samples must be collected on three different days. Refrigerate and transport to laboratory.



Blood Culture Bottles

ADULTS: Take 16-20 mL of blood on each occasion and divide evenly into 2 adult culture bottles (aerobic and anaerobic).

CHILDREN: Take 1-3 mL of blood on each occasion and place in a paediatric blood culture bottle. Store and transport at room temperature - Do not refrigerate.

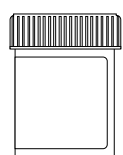


Skin Scrapings Containers - Fungal Cultures

Superficial mycoses may infect skin, hair and nails. Skin scrapings from the active edge of the lesion and scrapings from nails, together with clippings of nails and hair, may be placed in a urine jar, with glass slide.

If the lesion is exuding material and may be painful to scrape, a swab may be collected as an alternative. Use a dry swab previously moistened with saline to swab the lesion. Place the swab in a container without transport medium. Store and transport at room temperature.

If bacteria suspected use Bacteriology transport swab.



SWABS

Bacteriology Transport Swab (Blue top)

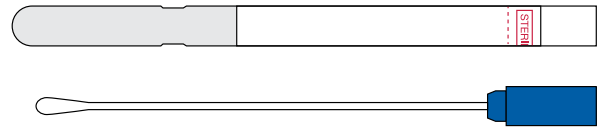
Contains Aimes Transport Media

May be left overnight at room temperature except where anaerobic infection is suspected.

Uses:

- Bacterial culture from any site
- To isolate bacteria, fastidious organism and yeasts
- For screening MRSA, VRE, Multi-resistant gram negative bacteria (MRGN)

Note: Do not use for *Chlamydia trachomatis* or *Gonorrhoeae* PCR.

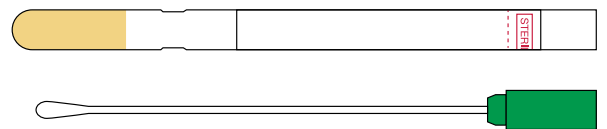


Viral Culture Transport Swab or Dry Swab (Green top)

Contains Viral Transport Media (VTM)

Store at room temperature before and after collection.

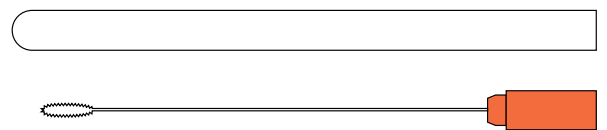
Uses: PCR for HSV, VZV, CMV, Enteroviruses, Respiratory viruses.



Flocked Swab (Dry Flexible Swab) (Orange top)

Store at room temperature before and after collection.

Uses: PCR for HSV, VZV, CMV, Enteroviruses, Syphilis from chancre lesion, *Bordetella Pertussis*, Respiratory viruses.



Chlamydia/ Gonorrhoea/Trichomonas/Mycoplasma Swab (or urine sample - bladder held 1-2hrs, first 20-30ml)

Uses: Molecular testing for *Chlamydia trachomatis*, *Neisseria gonorrhoeae* (genital, rectal, throat and eye) as well as *Trichomonas vaginalis* and *Mycoplasma genitalium* from genital specimens.

Woven Swab: to collect all other sites except Endocervical.

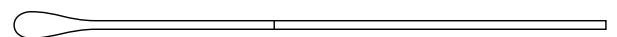
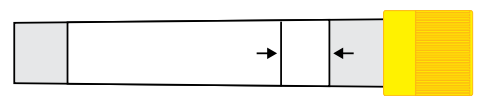
Please ensure only Woven swab is sent inside tube.

Flocked Swab: to collect the endocervical sample.

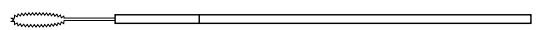
Note: Endocervical Collection: - 1. Woven swab to clean, then discard. 2. Flocked swab to collect endocervical sample.

Please ensure only Flocked swab is sent inside tube.

COBAS PCR Media Dual Swab



Woven Swab - to sample sites other than endocervical

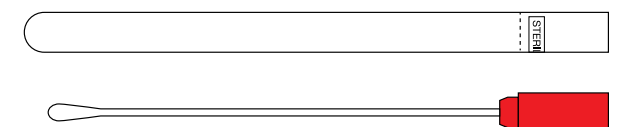


Flocked Swab - to sample endocervical

Dry Flocked Swab (Red top)

Self-collect - HPV Specimen Collection. Cervical Screening Program instructions available at laverty.com.au

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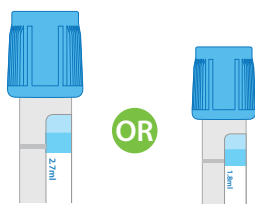


ORDER OF DRAW



BLOOD CULTURE BOTTLES

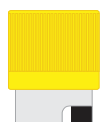
Aerobic (Green) + **Anaerobic** (Orange) collect 8-10mL in each bottle **OR**
Aerobic Paediatric (Yellow) collect 1-3mL



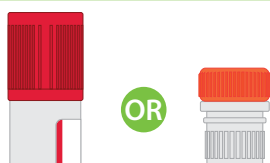
SODIUM CITRATE TUBES

NOTE: Citrate tubes should not be the first tube drawn for special coagulation testing (e.g., Factor VIII and Heparin Therapy) or when using winged (butterfly) method. Use a discard (citrate) tube first.

2.7mL (Blue) **OR** **1.8mL** (Blue). Tube **MUST** be filled to indicated level.



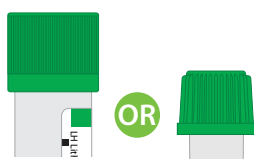
ACD (ACID CITRATE DEXTROSE) 9mL (Bright yellow)



PLAIN 10mL OR 1.0mL microtainer (Red) - Contains Clot Activator



SST 8.5mL OR SST 3.5mL OR SST 1.0mL microtainer (Yellow) - Contains Clot Activator & Serum Separator



LITHIUM HEPARIN tube 9mL OR 6mL OR 1.0mL microtainer (Green)
Karyotyping



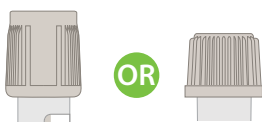
EDTA Molecular Genomics and Infectious Molecular 6mL (Pink)



EDTA 4mL (Lavender)
EDTA 2mL (Translucent Lavender)



TRACE ELEMENT 6mL (Navy) - Contains Clot Activator



FLUORIDE OXALATE 4mL OR 1.0mL microtainer (Grey)

- ✓ All Blood Bank tubes **MUST** be signed by patient and collector to confirm patient identity.
- ✓ Request form "Person Drawing Blood" statement **MUST** be signed.
- ✗ Blood Bank samples will be rejected if tube and statement are not signed.