

檢驗項目查詢	一般科檢驗項目	中央檢驗科項目	微生物科細菌項目	微生物科病毒項目
容器使用指南	MIC 判讀與參考值	危險值通報標準	常見問題與衛教	統計資料

微生物科培養檢體與容器對照表

(點各選項可快速查看)

一.各類培養適用檢體對照表

1.Fungus culture

2.Ordinary culture & Gram stain

3.Anaerobic culture

4.Mycobacteria culture

5.Rapid TB PCR

6.Nocardia culture & Actinomyces culture

7.Neisseria gonorrhoeae culture

8.KOH stain

二.檢體與容器對照表

1.特殊檢查或檢體專用容器

- ◆ Mycobacteria culture
- ◆ Neisseria gonorrhoeae culture 專用組套
- ◆ 眼睛部位的檢體(Eye)培養專用組套
- ◆ Aspirate (endo)

2.常用檢體與容器對照表

一.各類培養適用檢體對照表

1.Fungus culture

類別	檢體	類別	檢體	類別	檢體	
Superfical	Hair	GU&GYN	Amniotic	Respiratory	Sputum	
	Nail		Cerviex		Aspirate (endo)	
	Skin		Endometrial		BAL	
Facial	Eye		Epididymis		Naso-Pharyneal	
	Nose		Prostate		Throat swab	
	Ear		Urethral	Biopsy/tissue	Biopsy	
Mouth	Uterine		Bone			
Tip/line	Tip/line		Vaginal		Tissue	
	CVP		GI	Rectal	Body Fluid	Ascites
	SWAZ-ganz			Gastric lavage		Bile
A-line	Stool	CAPD				
Urine	PCN	Pus/Wound	Abscess	CSF		
	Urine (catheter)		Aspiration	Joint fluid		
	Urine (suprapubic)		Drainage	Pleural fluid		
	Urine (treated)		Pus/Wound (deep)	Pericardial fluid		
	Urine (untreated)		Pus/Wound (surface)			

2. Ordinary culture & Gram stain

類別	檢體	類別	檢體	類別	檢體
Facial	Eye	GU&GYN	Endometrial	Respiratory	BAL
	Nose		Epididymis		Naso-Pharyneal
	Ear		Prostate		Throat swab
	Mouth		Urethral	Biopsy/tissue	Biopsy
Tip/line	Tip/line	Uterine	Bone		
	CVP	Vaginal	Tissue		
	SWAZ-ganz	GI	Rectal	Body fluid	Ascites
	A-line		Gastric lavage		Bile
Urine	PCN	Pus/Wound	Abscess		CAPD
	Urine (catheter)		Aspiration		CSF
	Urine (suprapubic)		Drainage		Joint fluid
	Urine (treated)		Pus/Wound (deep)	Pleural fluid	
	Urine (untreated)		Pus/Wound (surface)	Pericardial fluid	
GU&GYN	Amniotic	Respiratory	Sputum		
	Cerviex		Aspirate (endo)		

3. Anaerobic culture

類別	檢體	類別	檢體	類別	檢體
Facial	Eye	GU&GYN	Uterine	Body fluid	Ascites
	Nose (sinus)	GI	Gastric lavage		Bile
	Ear	Pus/Wound	Abscess		CAPD
Urine	PCN		Aspiration		CSF
	Urine (suprapubic)	Drainage	Joint fluid		
GU&GYN	Amniotic	Body fluid	Pus/Wound (deep)	Pleural fluid	
	Endometrial		Biopsy	Pericardial fluid	
	Epididymis		Bone		
	Prostate		Tissue		

4. Mycobacteria culture & Acid-fast stain (conc. smear) :

(包括 M.tuberculosis complex PCR)

類別	檢體	類別	檢體	類別	檢體
Facial	Eye	Pus/Wound	Abscess	Biopsy/tissue	Biopsy
	Ear		Aspiration		Bone
Urine	PCN		Drainage		Tissue
	Urine (catheter)	Pus/Wound (deep)	Body fluid	Ascites	
	Urine (suprapubic)	Pus/Wound (surface)		Bile	
	Urine (treated)	Sputum		CAPD	
	Urine (untreated)	Respiratory		Aspirate (endo)	CSF
GI	Rectal	Blood		BAL	Joint fluid
	Gastric lavage		Blood	Pleural fluid	
	Stool		Bone marrow	Pericardial fluid	

5. Rapid TB PCR

類別	檢體	類別	檢體	類別	檢體

類別	檢體	類別	檢體	類別	檢體
Respiratory	Sputum	Respiratory	Aspirate (endo)	Respiratory	BAL

6. Norcardia culture & Actinomyces culture

類別	檢體	類別	檢體	類別	檢體
Superficial	Skin	Pus/Wound	Pus/Wound (surface)	Body fluid	Ascites
Facial	Eye (Conjunctivae)	Respiratory	Sputum		CSF
Pus/Wound	Abscess		Aspirate (endo)		Joint fluid
	Aspiration		BAL		Pleural fluid
	Drainage	Biopsy/tissue	Biopsy		Pericardial fluid
	Pus/Wound (deep)		Tissue		

7. Neisseria gonorrhoeae culture

類別	檢體	類別	檢體	類別	檢體
Facial	Eye	Urine	Urine (untreated)	GU&GYN	Urethral
Urine	Urine (catheter)	GI	Rectal		Vaginal
	Urine (suprapubic)	GU&GYN	Cerviex		
	Urine (treated)		Epididymis		

8. KOH stain


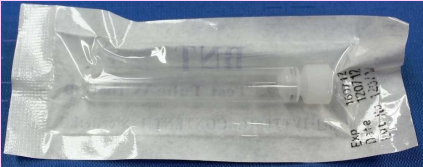
類別	檢體	類別	檢體	類別	檢體
Superficial	Hair	Superficial	Skin	Respiratory	Aspirate (endo)
	Nail	Respiratory	Sputum		BAL

二. 檢體與容器對照表

1. 特殊檢查或檢體專用容器

◆ Mycobacteria culture & Acid-fast stain (conc. smear)-TB smear (含M.tuberculosis complex PCR)

檢體容器	類別	檢體	檢體量與說明	
	Urine	PCN	<ul style="list-style-type: none"> 至少 $\geq 1\text{ml}$ 採檢後超過 2小時未冰存或超過24小時，重新採檢不收導尿管 (Foley) 	
		Urine (catheter)		
		Urine (suprapubic)		
		Urine (treated)		
		Urine (untreated)		
	GI	Gastric lavage		
		Stool		
	Pus/Wound	Abscess		
		Drainage		
		Pus/Wound (deep)		
		Pus/Wound (surface)		
	Respiratory	Sputum		至少 $\geq 1\text{ml}$
		Aspirate (endo)		
		BAL		
	Blood	Blood		<ul style="list-style-type: none"> 檢體量：5 ml 放入 50ml 離心管，再加入5倍檢體量的無菌水，強

 <p>50ml 離心管</p>	Biopsy/tissue	Bone marrow	力混合後送檢
		Biopsy	
		Bone	
		Tissue	
 <p>CSF 無菌管</p>	Body fluid	Ascites	
		Bile	
		CAPD	
		CSF	
		Joint fluid	
		Pleural fluid	
	Pericardial fluid		
Pus/Wound	Aspiration		

◆ Neisseria gonorrhoeae culture請用專用組套

檢體容器	類別	檢體	檢體量與說明
 <p>Neisseria gonorrhoeae culture組套</p>	Facial	Eye (Conjunctivae)	<ul style="list-style-type: none"> • 為增加培養率，採檢後請直接接種 • 請同時做抹片送檢 Gram stain • 請立即送檢
	Urine	Urine (catheter)	
		Urine(suprapubic)	
		Urine (treated)	
		Urine (untreated)	
		GI	
	GU&GYN	Cerviex	
		Epididymis	
		Urethral	
		Vaginal	

◆ 眼睛部位的檢體(Eye)培養專用組套

檢體容器	檢體種類	檢體量與說明

 <p>眼睛檢體培養組套</p>	<p>Eye</p>	<ul style="list-style-type: none"> • 因檢體量少，採檢時，請直接接種
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◆Aspirate (endo)：適用所有培養

檢體容器	檢體種類	檢體量與說明
 <p>抽痰盒</p>	<p>Aspirate (endo)</p>	<p>非抽痰檢體請依規定容器送檢</p>

2.常用檢體與容器對照表

檢體容器	檢體種類	檢體量與說明
	PCN	Urine： <ul style="list-style-type: none"> • 至少 ≥ 1ml • 採檢後超過 2小時未冰存或超過24小時，重新採檢 • 不收導尿管 (Foley) • <i>Neisseria gonorrhoeae</i> culture請用專用組套
	Urine (catheter)	
	Urine(suprapubic)	
	Urine (treated)	
	Urine (untreated)	
	Biopsy	Biopsy/tissue：少許
	Bone	
	Tissue	
	Tip/line	Tip/Line：約剪5 cm 長即可
	CVP	
	SWAZ-ganz	



40ml無菌杯

A-line	
Abscess	至少 ≥ 1ml
Drainage	
Gastric lavage	
Stool	約碗豆大(2g)
Sputum	<ul style="list-style-type: none"> • 一般痰液培養用 • 採檢後超過2小時未冰存或超過24小時，重新採檢
BAL	
Hair	
Nail	Superfical：少許
Skin	



CSF 無菌管

Amniotic	<ul style="list-style-type: none"> • 檢體至少 ≥ 1ml • 送檢前，室溫保存即可，不可冰存 • CSF檢體，請立即送檢
Ascites	
Aspiration	
Bile	
CAPD	
CSF	
Joint fluid	
Pleural fluid	
Pericardial fluid	

Nose	<ul style="list-style-type: none"> • Anaerobic culture 除外 • 組織或抽取液優於棉籤拭子 • Neisseria gonorrhoeae culture請用專用組套
Ear	
Mouth	
Cerviex	
Endometrial	
Epididymis	
Prostate	
Urethral	



<p>嗜氧藍頭棉籤拭子 Aerobic blue swab</p>	<p>Uterine Vaginal Naso-Pharyngeal Throat swab Rectal Pus/Wound (deep) Pus/Wound (surface)</p>	<p>Group B Streptococcus culture only</p>		
<p>厭氧紅頭棉籤拭子 Anaerobic red swab</p> 	<p>Nose Ear Endometrial Epididymis Prostate Uterine Pus/Wound (deep)</p>	<p>Anaerobic culture only</p>		
<p>For Blood culture</p>  <p>一般血瓶</p>	 <p>Fan bottle 血瓶</p>	 <p>小兒血瓶</p>	<p>Blood Bone marrow CAPD</p>	<ul style="list-style-type: none"> 檢體量 成人：10 -20ml 小孩：4-8ml 使用抗生素 治療後所進行的血液培養，請用Fan bottle 血瓶
<p>For Fungus culture, blood</p>  <p>Fan bottle 綠血瓶</p>			<p>Blood Bone marrow CAPD</p>	<ul style="list-style-type: none"> 檢體量 成人：5-10 ml 小孩：1- 3 ml Fungus culture, blood 專用血液培養瓶