



醫事檢驗科公告

2022/02/21

■淡水 ■台北 ■新竹 ■台東

公告項目：醫事檢驗科新增 5 項檢驗項目

65781	Blood-微晶血液培養多標的核酸檢測
65782	Sputum(Suction tube)-微晶肺炎病原體多標的核酸檢測(限兒科)
65728	BAL-微晶肺炎病原體多標的核酸檢測
65739	Sputum-微晶肺炎病原體多標的核酸檢測
65740	Sputum(Endobronchial suction)-微晶肺炎病原體多標的核酸檢測

執行日期：2022/03/01 08:00

公告對象：四院區各科醫師、護理部、醫事檢驗科

執行方式：

1.檢驗方法及參考值

1.1 檢驗方法：多重核酸序列定性檢測

1.2 參考值：如下頁表格

檢驗代碼	項目名稱	參考值	危急值
65781	Blood- 微晶血液培養多標的核酸檢測	Not Detected	N/A
		1 <i>Enterococcus faecalis</i>	
		2 <i>Enterococcus faecium</i>	
		3 <i>Listeria monocytogenes</i>	
		4 <i>Staphylococcus species</i>	
		5 <i>Staphylococcus aureus</i>	
		6 <i>Staphylococcus epidermidis</i>	
		7 <i>Staphylococcus lugdunensis</i>	
		8 <i>Streptococcus species</i>	
		9 <i>Streptococcus agalactiae</i>	
		10 <i>Streptococcus pneumoniae</i>	
		11 <i>Streptococcus pyogenes</i>	
		12 <i>Acinetobacter baumannii</i> complex	
		13 <i>Bacteroides fragilis</i>	
		14 <i>Enterobacterales</i>	
		15 <i>Enterobacter cloacae</i> complex	
		16 <i>Escherichia coli</i>	
		17 <i>Enterobacter aerogenes</i>	
		18 <i>Klebsiella oxytoca</i>	
		19 <i>Klebsiella pneumoniae</i> group	
		20 <i>Proteus species</i>	
		21 <i>Salmonella species</i>	
		22 <i>Serratia marcescens</i>	
		23 <i>Haemophilus influenzae</i>	
		24 <i>Neisseria meningitidis</i>	
		25 <i>Pseudomonas aeruginosa</i>	
		26 <i>Stenotrophomonas maltophilia</i>	
		27 <i>Candida albicans</i>	
		28 <i>Candida auris</i>	
		29 <i>Candida glabrata</i>	
		30 <i>Candida krusei</i>	
		31 <i>Candida parapsilosis</i>	
		32 <i>Candida tropicalis</i>	
33 <i>Cryptococcus neoformans/gattii</i>			

檢驗代碼	項目名稱	參考值	危急值																				
65781	Blood- 微晶血液培養多標的核酸檢測	<p>N/A or Not Detected</p> <table border="1" data-bbox="581 268 1154 724"> <tr><td>1</td><td>CTX-M</td></tr> <tr><td>2</td><td>IMP</td></tr> <tr><td>3</td><td>KPC</td></tr> <tr><td>4</td><td>mcr-1</td></tr> <tr><td>5</td><td>mecA/C</td></tr> <tr><td>6</td><td>mecA/C and MREJ (MRSA)</td></tr> <tr><td>7</td><td>NDM</td></tr> <tr><td>8</td><td>OXA-48-like</td></tr> <tr><td>9</td><td>vanA/B</td></tr> <tr><td>10</td><td>VIM</td></tr> </table>	1	CTX-M	2	IMP	3	KPC	4	mcr-1	5	mecA/C	6	mecA/C and MREJ (MRSA)	7	NDM	8	OXA-48-like	9	vanA/B	10	VIM	N/A
1	CTX-M																						
2	IMP																						
3	KPC																						
4	mcr-1																						
5	mecA/C																						
6	mecA/C and MREJ (MRSA)																						
7	NDM																						
8	OXA-48-like																						
9	vanA/B																						
10	VIM																						

檢驗代碼	項目名稱	參考值	危急值	
65782 65728 65739 65740	Sputum(Suction tube)-微晶肺炎病原體多標的核酸檢測(限兒科)	Not Detected 1 <i>Acinetobacter baumannii</i> complex 2 <i>Enterobacter cloacae</i> complex 3 <i>Escherichia coli</i> 4 <i>Haemophilus influenzae</i> 5 <i>Enterobacter aerogenes</i> 6 <i>Klebsiella oxytoca</i> 7 <i>Klebsiella pneumoniae</i> group 8 <i>Moraxella catarrhalis</i> 9 <i>Proteus spp.</i> 10 <i>Pseudomonas aeruginosa</i> 11 <i>Serratia marcescens</i> 12 <i>Staphylococcus aureus</i> 13 <i>Streptococcus agalactiae</i> 14 <i>Streptococcus pneumoniae</i> 15 <i>Streptococcus pyogenes</i> 16 <i>Chlamydia pneumoniae</i> 17 <i>Legionella pneumophila</i> 18 <i>Mycoplasma pneumoniae</i> 19 <i>Adenovirus</i> 20 <i>Coronavirus</i> 21 <i>Human Metapneumovirus</i> 22 <i>Human Rhinovirus/Enterovirus</i> 23 <i>Influenza A</i> 24 <i>Influenza B</i> 25 <i>Parainfluenza Virus</i> 26 <i>Respiratory Syncytial Virus</i>	N/A	
	BAL-微晶肺炎病原體多標的核酸檢測			
	Sputum- 微晶肺炎病原體多標的核酸檢測			
	Sputum(Endobronchial suction)- 微晶肺炎病原體多標的核酸檢測	N/A or Not Detected 1 CTX-M 2 IMP 3 KPC 4 mecA/C and MREJ 5 NDM 6 OXA-48-like 7 VIM		

2. 抗藥性基因及相對應細菌

檢驗代碼	抗藥性基因	相對應細菌
65781	vanA/B	<i>Enterococcus faecalis</i>
		<i>Enterococcus faecium</i>
	mecA/C	<i>Staphylococcus epidermidis</i>
		<i>Staphylococcus lugdunensis</i>
	mecA/C and MREJ (MRSA)	<i>Staphylococcus aureus</i>
	mcr-1	<i>Enterobacter cloacae complex</i>
		<i>Escherichia coli</i>
		<i>Enterobacter aerogenes</i>
		<i>Klebsiella oxytoca</i>
		<i>Klebsiella pneumoniae group</i>
		<i>Salmonella spp.</i>
	CTX-M IMP KPC NDM VIM	<i>Acinetobacter baumannii complex</i>
		<i>Enterobacteriales</i>
		<i>Enterobacter cloacae complex</i>
		<i>Escherichia coli</i>
		<i>Enterobacter aerogenes</i>
		<i>Klebsiella oxytoca</i>
		<i>Klebsiella pneumoniae group</i>
		<i>Salmonella spp.</i>
		<i>Serratia marcescens</i>
		<i>Pseudomonas aeruginosa</i>
	OXA-48-like	<i>Enterobacteriales</i>
		<i>Enterobacter cloacae complex</i>
		<i>Escherichia coli</i>
		<i>Enterobacter aerogenes</i>
		<i>Klebsiella oxytoca</i>
		<i>Klebsiella pneumoniae group</i>
		<i>Proteus spp.</i>
<i>Salmonella spp.</i>		
<i>Serratia marcescens</i>		

檢驗代碼	抗藥性基因	相對應細菌	
65782 65728 65739 65740	mecA/C and MREJ (MRSA)	<i>Staphylococcus aureus</i>	
		<i>Acinetobacter baumannii complex</i>	
		<i>Enterobacter cloacae complex</i>	
		<i>Escherichia coli</i>	
		<i>Enterobacter aerogenes</i>	
		<i>Klebsiella oxytoca</i>	
		<i>Klebsiella pneumoniae group</i>	
		<i>Proteus spp.</i>	
	CTX-M IMP KPC NDM VIM	<i>Salmonella spp.</i>	
		<i>Serratia marcescens</i>	
		OXA-48-like	<i>Enterobacter cloacae complex</i>
			<i>Escherichia coli</i>
			<i>Enterobacter aerogenes</i>
			<i>Klebsiella oxytoca</i>
<i>Klebsiella pneumoniae group</i>			
<i>Proteus spp.</i>			
<i>Serratia marcescens</i>			

3. 檢體及容器：

檢驗代碼	檢體及容器	檢體保存
65781	需為 Blood culture 細菌組通知陽性後，方可進行檢驗，限通知陽性當日 15:30 前接受檢驗。	N/A
65782 65728 65739 65740	與一般細菌培養相同，但 Sputum 及 Endobronchial suction，會先進行抹片檢查，若 EP.cell > 25 / LPF，表示為口水污染檢體，細菌組會通知臨床重新採檢或退件處理	採檢後冷藏 24 小時內

4. 運送條件及收件時間：室溫傳送，採檢後立即送檢，8:00-15:30 收件

5. 操作及報告時間：8:00-15:30，4 小時內發報告

6. 收費標準：

檢驗代碼	健保給付	自費給付
65781	9000 點	11700 元
65782 65728 65739 65740	15400 點	20020 元

公告製訂：醫事檢驗科細菌組 組長 蔡坤洲〈台北院區分機：2234〉
醫事檢驗科病原體組 組長 潘滢如〈淡水院區分機：2514〉