

Mycobacteriology PT - March 2007

Sample preparation (strains used):

SAMPLE #	IDENTIFICATION	SOURCE
SP 0721	Moderate <i>M. tuberculosis</i> present with contaminants This sample is susceptible to all five first line drugs.	(Patient sample AFB 0604084)
SP 0722	Few <i>M. africanum</i> present This sample is susceptible to all five first line drugs.	(Patient sample AFB 0602322)
SP 0723	No acid-fast bacilli present, contaminants only	
SP 0724	Numerous <i>M. terrae</i> complex present	(Patient sample AFB 0603861)
SP 0725	Doubtful to No <i>M. tuberculosis</i> present with contaminants This sample is resistant to INH and Susceptible to all other first line drugs	(Patient sample AFB 0603457)

Identification Results by Category

Category	Result	0721	0722	0723	0724	0725
		<i>M. tuberculosis</i>	<i>M. africanum</i>	No AFB	<i>M. terrae</i> complex	<i>M. tuberculosis</i>
Restricted/-S (N=42)	No Growth			42		39
	<i>M. tuberculosis</i>	8				
	<i>M. tb</i> complex	31	32			
	<i>M. tb</i> complex not <i>M. tb</i>		6		1	
	<i>M. avium</i> complex		1			
	NTM				38	3
	other	3	3		3	
	TOTAL		42	42	42	42
General (N=20)	No Growth			19		19
	<i>M. tuberculosis</i>	16				
	<i>M. tb</i> complex	4	3	1		
	<i>M. tb</i> complex not <i>M. tb</i>		16			
	<i>M. bovis</i>		1			
	<i>M. terrae</i>				2	
	<i>M. terrae</i> complex				13	
	NTM				3	1
	other				2	
TOTAL	20	20	20	20	20	
General-S (N=23)	No Growth			22		22
	<i>M. tuberculosis</i>	19	1			
	<i>M. tb</i> complex	3	7			
	<i>M. tb</i> complex not <i>M. tb</i>	1	10			
	<i>M. africanum</i>		4			
	<i>M. bovis</i>		1			
	<i>M. nonchromogenicum</i>				1	
	<i>M. terrae</i>				1	
	<i>M. terrae</i> complex				20	
	other				1	
	contaminated			1		1
	TOTAL	23	23	23	23	23