

Cephalothin Expdate 12/9/14 / Result 12/10/14

Lib2, Plate 1

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	+	+	+	+	+	+	+	+	+	+	+
A1	B	-	-	-	-	-	-	-	-	-	+	+	+
A3	C	-	-	-	-	-	-	-	-	+	+	+	+
A4	D	-	-	-	-	-	-	-	-	-	-	-	-
A5	E	-	-	-	-	-	-	-	-	-	-	-	-
A8	F	-	-	-	-	-	-	-	-	+	+	+	+
A10	G	-	-	-	-	-	-	-	-	+	+	+	+
A11	H	-	-	-	-	-	+	+	+	+	+	+	+

} ? No growth Repeat after sequencing

240
120
600
300
150
75
37.5
18.7
9.3
4.6
2.3
1.1

Plate 2

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	+	+	+	+	+	+	+	+	+	+	+
B2	B	-	-	-	-	-	-	-	-	+	+	+	+
B4	C	-	-	-	-	-	-	-	-	-	-	-	-
B7	D	-	-	-	-	-	-	-	-	+	+	+	+
B9	E	-	-	-	-	-	-	-	-	+	+	+	+
B10	F	-	-	-	-	-	-	-	-	+	+	+	+
B11	G	-	-	-	-	-	-	-	-	-	-	+	+
B12	H	-	-	-	-	-	-	-	-	-	-	+	+

-?

-?

inoculum Problem?

as I used multi channel?

Cephalothin

Plate 3

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	+	+	+	+	+	+	+	+	+	+	+
C3	B	-	-	-	-	-	-	-	-	-	+	+	+
C4	C	-	-	-	-	-	-	-	-	-	-	-	+
C7	D	-	-	-	-	-	-	-	-	+	+	+	+
C9	E	-	-	-	-	-	-	-	-	+	+	+	+
C10	F	-	-	-	-	-	-	-	-	-	-	+	+
C11	G	-	-	-	-	-	-	-	-	-	+	+	+
C12	H	-	-	-	-	-	-	-	-	-	-	+	+

240
120
600
300
150
75
37.5
18.7
9.3
4.6
2.3
1.1

Cephalothin

Exp date 11/9/14 Result 12/10/14

Lib2, Plate 4

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	+	+	+	+	+	+	+	+	+	+	+
D4	B												
D8	C												
D11	D												
D12	E												
E1	F												
E3	G												
E4	H	-	-	-	-	-	-	-	-	+	+	+	+

No growth.

2400 1200 600 300 150 75 37.5 18.75 9.2 4.6 2.3 1.1

Cephalothin

Plate 5

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
E5	A	-	-	-	-	-	-	-	-	+	+	+	+
E8	B	-	-	-	-	-	-	-	-	-	-	-	-
E10	C	-	-	-	-	-	-	-	-	-	-	-	-
E11	D	-	-	-	-	-	-	-	-	+	+	+	+
F1	E	+	-	-	-	-	-	-	-	-	-	-	-
F3	F	-	-	-	-	-	-	-	-	+	+	+	+
F4	G	-	-	-	-	-	-	-	-	+	+	+	+
F6	H	-	-	-	-	-	-	-	-	+	+	+	+

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Cephalothin

Plate 6

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
G2	A	-	-	-	-	-	-	-	+	+	+	+	+
G3	B	-	-	-	-	-	-	+	+	+	+	+	+
G9	C	-	-	-	-	-	-	-	+	+	+	+	+
G10	D	-	-	-	-	-	-	-	+	+	+	+	+
G11	E	-	-	-	-	-	-	-	+	+	+	+	+
H2	F	-	-	-	-	-	-	-	+	+	+	+	+
H3	G	-	-	-	-	-	-	-	+	+	+	+	+
H4	H	-	+	+	+	+	+	+	+	+	+	+	+

µg/ml
2400- 1200- 600 300 150 75 37.5 18.7 9.3 4.6 2.3 1.1

Exp date 12/16/14

Ceftazidime

Result: 12/17/14

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	-	+/-	+	+	+	+	+	+	+	+	+
A1	B	-	-	-	-	-	-	-	-	-	-	-	-
A3	C	-	-	-	-	-	-	-	-	-	-	+	+
A4	D	-	-	-	-	-	-	-	-	-	-	-	-
A5	E	-	-	-	-	-	-	-	-	-	-	-	-
A8	F	-	-	-	-	-	-	-	-	-	-	-	-
A10	G	-	-	-	-	-	-	-	-	-	-	-	-
A11	H	-	-	-	-	-	-	-	-	-	-	-	-

Lib2, Plate 1

1

25 12.5 6.25 3.12 1.5 .8 .4 .2 .09 .04 .02 .01

Ceftazidime

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	-	-	+	+	+	+	+	+	+	+	+
B2	B	-	-	-	-	-	-	-	-	-	-	-	-
B4	C	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
B7	D	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
B12	E	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
C3	F	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
C4	G	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
C7	H	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

Lib2, Plate 1

2

Ceftazidime

Antibiotic:		Date:											
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
WT	A	-	-	+	+	+	+	+	+	+	+	+	+
C9	B	-	-	-	-	-	-	-	-	-	-	-	-
C10	C	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
C11	D	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
B11	E	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
B9	F	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
B10	G	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓
C12	H	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓	↓

Lib2, Plate 1

3

25 12.5 6.25 3.12 1.5 .8 .4 .2 .09 .04 .02 .01

Exp date

12/16/14

Result 12/17/14

Ceftazidime

		Antibiotic:				Date:							
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
D4	A	-	-	-	-	-	-	-	-	-	-	-	-
D8	B												
D11	C												
D12	D												
E1	E												
E3	F												
E4	G												
E5	H												

Lib2, Plate 1
4

ceftazidime

		Antibiotic:				Date:							
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
E8	A	-	-	-	-	-	-	-	-	-	-	-	-
E10	B												
E11	C												
F1	D												
F3	E										-	+	+
F4	F										-	+	+
F6	G										+	+	+
G2	H										-	+	+

Lib2 Plate 1
5

ceftazidime

		Antibiotic:				Date:							
Clone	Lane	1	2	3	4	5	6	7	8	9	10	11	12
G3	A	-	-	-	-	-	-	+	+	+	+	+	+
G9	B							-	-	-	+	+	+
G10	C							-	-	+	+	+	+
G11	D							-	-	-	-	+	+
H2	E							-	-	-	-	+	+
H3	F							+	+	+	+	+	+
H4	G							+	+	+	+	+	+
H5	H	-	-	-	-	-	-	-	-	-	+	+	+

Lib2 Plate 1
6

Exp date 12/16/14
Result: 12/17/14