

API RapiD 20 E

	O N P G	L D C	O D C	U R E	C I T	P P A	M N T	E S C	A R A	X Y L	A D O	R H A	C E L	M E L	S A C	T R E	R A F	G L U	I N D	V P	O X
<i>Citrobacter amalonaticus</i>	89	0	92	0	55	0	1	70	97	92	0	99	99	5	4	99	1	100	99	0	0
<i>Citrobacter diversus</i>	96	0	99	0	99	0	75	53	96	94	99	99	94	0	36	99	0	100	99	0	0
<i>Citrobacter freundii</i>	86	0	30	0	50	0	12	4	92	94	0	88	24	62	60	97	46	100	1	1	0
<i>Edwardsiella tarda</i>	1	99	99	0	1	0	0	0	1	1	0	0	0	0	0	0	0	100	49	0	0
<i>Enterobacter aerogenes</i>	100	99	99	1	95	0	90	99	99	99	99	98	99	85	99	99	98	100	0	94	0
<i>Enterobacter agglomerans</i> 1	100	15	0	0	83	0	14	15	45	66	13	90	100	50	66	83	94	72	61	98	0
<i>Enterobacter agglomerans</i> 2	100	0	0	0	64	0	96	100	100	92	5	42	92	57	42	92	9	100	64	20	0
<i>Enterobacter agglomerans</i> 3	100	0	0	0	58	0	8	50	75	25	0	5	16	0	100	98	24	91	25	69	0
<i>Enterobacter agglomerans</i> 4	0	0	0	0	0	0	0	28	57	42	0	12	0	0	100	57	0	100	0	0	0
<i>Enterobacter cloacae</i>	99	2	87	1	95	0	71	51	99	84	25	85	98	83	88	99	81	100	1	85	0
<i>Enterobacter gergoviae</i>	90	85	100	80	68	0	99	99	99	75	2	97	1	90	99	85	75	100	0	75	0
<i>Enterobacter taylorae</i>	100	1	55	1	97	0	99	70	100	98	0	98	55	1	5	100	1	100	0	98	0
<i>Escherichia coli</i> 1	96	84	57	3	0	0	1	2	79	66	6	70	1	59	30	85	23	100	94	0	0
<i>Escherichia coli</i> 2	5	41	12	2	2	0	1	1	79	70	8	33	0	4	5	90	8	100	97	0	0
<i>Escherichia fergusonii</i>	87	95	96	0	0	0	0	0	52	87	57	61	87	0	0	74	0	100	100	0	0
<i>Escherichia hermannii</i>	75	0	100	0	25	0	0	14	100	87	0	87	99	0	1	99	0	100	100	0	0
<i>Escherichia vulneris</i>	100	75	33	0	8	0	75	11	91	82	16	16	83	83	0	100	83	100	0	0	0
<i>Ewingella americana</i>	85	0	0	0	95	0	0	55	0	13	0	23	1	0	0	100	0	100	0	84	0
<i>Hafnia alvei</i>	21	95	91	1	15	0	35	19	46	35	0	34	1	1	4	81	2	100	0	25	0
<i>Klebsiella ornithinolytica</i>	100	88	100	45	100	0	100	100	100	100	88	99	91	100	10	100	100	100	100	55	0
<i>Klebsiella oxytoca</i>	100	98	1	58	73	0	46	99	99	95	93	97	100	99	100	99	100	100	100	95	0
<i>Klebsiella pneumoniae</i> ssp ozaenae	95	23	1	1	65	0	1	88	67	62	95	35	55	77	10	88	66	99	0	1	0
<i>Klebsiella pneumo.</i> ssp pneumoniae	96	84	1	65	97	0	70	99	94	98	90	90	100	94	99	100	100	100	0	95	0

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Kleb. Pneumo. Ssp rhinoscleromatis	0	0	0	0	1	0	98	85	78	74	82	64	26	14	28	92	89	96	0	0	0
Kluyvera spp	80	70	90	0	50	0	83	0	90	50	0	50	85	80	60	100	95	98	81	4	0
Moellerella wisconsensis	75	0	0	0	100	0	0	0	0	0	100	0	0	100	100	0	100	100	0	0	0
Morganella morganii	1	5	95	98	1	83	1	6	1	1	0	0	0	0	0	27	0	97	98	1	0
Proteus mirabilis	0	2	96	98	44	99	1	0	1	24	0	1	1	0	1	85	1	98	1	15	0
Proteus penneri	1	0	0	100	0	100	0	64	0	4	0	0	0	0	75	2	1	83	0	0	0
Proteus vulgaris	1	0	0	98	8	99	0	0	1	5	0	1	0	0	89	1	1	97	90	1	0
Providencia alcalifaciens	1	0	1	0	83	97	0	60	1	1	50	0	1	0	3	2	1	100	99	0	0
Providencia rettgeri	2	0	0	99	73	100	0	5	1	1	87	29	0	1	26	1	1	99	98	0	0
Providencia stuartii	2	0	0	34	58	97	0	0	1	1	1	0	1	0	13	87	1	99	78	0	0
Salmonella arizonae	92	99	92	0	92	0	94	0	92	99	0	98	0	23	0	84	0	100	0	0	0
Salmonella choleraesuis	0	99	93	0	7	0	0	0	3	39	0	69	0	5	0	28	0	100	0	0	0
Salmonella paratyphi A	0	0	91	0	11	0	0	0	99	11	0	98	0	7	0	99	0	100	0	0	0
Salmonella typhi	0	99	0	0	2	0	0	0	1	1	0	0	0	30	0	70	0	99	0	1	0
Salmonella spp	1	99	99	0	83	0	1	0	93	69	0	92	2	53	3	94	2	100	1	0	0
Shigella sonnei	82	0	99	0	0	0	0	0	99	4	0	65	0	1	0	99	2	100	0	0	0
Shigella spp	1	0	0	0	1	0	0	0	15	1	0	3	0	1	0	60	0	95	18	0	0
Serratia fonticola	100	75	99	1	40	0	98	99	90	51	97	55	1	98	20	99	98	100	0	1	0
Serratia liquefaciens	88	76	94	1	66	0	1	84	47	26	2	1	10	15	97	99	74	100	0	70	0
Serratia marcescens	57	99	99	1	82	2	0	86	0	2	25	0	0	1	96	99	2	100	1	72	0
Serratia odorifera 1	90	97	81	1	90	0	0	98	66	66	1	5	75	91	100	99	99	100	66	11	0
Serratia odorifera 2	90	97	5	0	90	0	0	5	66	66	1	5	15	60	0	99	11	100	66	60	0
Serratia plymuthica	98	0	0	0	70	0	1	77	50	30	0	0	40	15	100	98	30	90	1	18	0
Serratia rubidaea	98	73	0	1	81	0	47	99	73	73	92	1	2	92	99	99	99	100	0	89	0
Yersinia enterocolitica	65	0	81	89	1	0	0	31	40	30	0	1	31	1	77	61	7	98	41	1	0
Yersinia pestis	61	0	0	1	0	0	0	99	1	1	0	1	0	1	0	1	0	100	0	0	0
Yersinia pseudotuberculosis	61	0	0	95	11	0	0	69	1	1	0	32	1	1	0	10	1	98	0	0	0

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Acinetobacter/Pseudomonas spp	0	2	0	0	65	2	2	0	39	41	0	0	0	19	2	0	0	36	0	0	19
Aeromonas hydrophila	97	19	0	0	41	1	0	26	26	1	0	8	41	1	96	99	0	98	99	59	100
Listonella damsela	11	50	0	33	0	0	0	0	0	0	0	0	0	0	6	56	11	100	0	0	94
Plesiomonas shigelloides	100	100	100	0	0	0	0	0	0	0	0	0	0	1	0	99	0	99	100	0	100
Vibrio alginolyticus	0	20	0	0	20	0	0	40	0	0	0	0	0	0	80	60	0	40	80	0	98
Vibrio cholerae	95	95	87	1	72	1	1	0	3	10	0	0	0	0	100	76	0	100	98	75	100
Vibrio fluvialis	40	0	0	0	16	0	0	3	93	0	0	0	30	1	100	100	0	100	13	0	100
Vibrio hollisae	9	0	0	4	0	0	0	0	65	0	0	0	4	0	0	4	0	96	100	0	100
Vibrio metschnikovii	0	0	0	0	25	0	0	0	0	0	0	0	0	0	100	100	0	100	75	50	0
Vibrio parahaemolyticus	0	2	2	4	14	40	0	0	89	0	0	0	0	0	100	0	0	100	99	0	100
Vibrio vulnificus	73	2	1	1	13	13	0	5	1	0	0	0	73	1	7	80	1	73	73	0	100