

Experimental Data-2

(B9619-2/3)

Conc. μ g/plate	Number of Revertants/plate									
	Base-substitution						Frame-shift			
	TA100		TA1535		WP2 _{uvrA}		TA98		TA1537	
	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+	S9-	S9+
DMSO	(141)	(150)	(8)	(8)	(14)	(22)	(13)	(19)	(4)	(7)
39 .1	128 158 (143)		3 5 (4)				10 21 (16)		2 1 (2)	
78 .1	121 128 (125)		3 7 (5)				11 18 (15)		1 5 (3)	
156	99 102 (101)	134 145 (140)	7 3 (5)	2 10 (6)	11 11 (11)	17 21 (19)	16 9 (13)	18 20 (19)	2 3 (3)	9 3 (6)
313	85 71 (78)	134 151 (143)	5 1 (3)	11 5 (8)	18 17 (18)	24 20 (22)	13 10 (12)	14 18 (16)	3 3 (3)	2 3 (3)
625	75 63 (69)	163 146 (155)	2 3 (3)	10 10 (10)	29 17 (23)	17 25 (21)	10 10 (10)	25 17 (21)	1 2 (2)	5 3 (4)
1250	64 * 68 * (66 *)	109 143 (126)	5 * 2 * (4 *)	5 5 (5)	14 13 (14)	22 23 (23)	14 * 13 * (14 *)	16 14 (15)	1 * 1 * (1 *)	2 2 (2)
2500		108 122 (115)		5 8 (7)	14 17 (16)	25 21 (23)		22 23 (23)		2 1 (2)
5000		84 81 (83)		1 5 (3)	20 16 (18)	28 25 (27)		9 13 (11)		1 2 (2)
Judgement	—	—	—	—	—	—	—	—	—	—
Specific Mutagenicity										
Positive Control	AF-2 (668)	2-AA (1213)	NaN ₃ (263)	2-AA (224)	AF-2 (331)	2-AA (1003)	AF-2 (319)	2-AA (334)	9-AA (622)	2-AA (123)

Experimental Data-3

Conc. μ g/plate	Number of Revertants/plate					
	Base-substitution					
	TA102		TA104		WP2 _{uvrA} /pKM101	
DMSO	S9-	S9+	S9-	S9+	S9-	S9+
	(215)	(334)	(269)	(394)	(52)	(81)
1 .22	230 (227)	362 (344)	218 (230)	334 (345)	43 (40)	70 (77)
4 .88	230 (235)	340 (330)	259 (242)	410 (402)	57 (51)	69 (65)
19 .5	259 (232)	320 (320)	256 (255)	373 (382)	67 (63)	56 (70)
78 .1	193 (194)	332 (328)	242 (245)	368 (379)	56 (59)	57 (62)
313	69 * (77 *)	340 (350)	226 (235)	336 (347)	44 (41)	72 (75)
1250	56 * (53 *)	349 (366)	235 (223)	354 (359)	55 (50)	76 (76)
5000	41 * (33 *)	360 (333)	215 (229)	317 (327)	34 (32)	70 (66)
Judgement	—	—	—	—	—	—
Specific Mutagenicity						
Positive Control	BLM (528)	2-AA (1122)	PA (1670)	2-AA (1347)	AF-2 (1290)	2-AA (1082)

Experimental Data-4

(B9619-3/3)

Conc. μ g/plate	Number of Revertants/plate					
	Base-substitution					
	TA102		TA104		WP2 _{uvrA} /pKM101	
DMSO	S9-	S9+	S9-	S9+	S9-	S9+
	(275)	(316)	(293)	(396)	(55)	(92)
4 .88	281 (290)					
9 .77	271 (275)					
19 .5	275 (249)					
39 .1	260 (255)					
78 .1	241 (233)					
156	186 * (175 *)					
313	131 * (120 *)	314 (323)	276 (279)	394 (379)	43 (48)	98 (95)
625		362 (359)	280 (271)	395 (389)	30 (37)	106 (96)
1250		361 (370)	234 (229)	355 (351)	46 (53)	96 (95)
2500		372 (356)	255 (251)	356 (343)	59 (56)	71 (73)
5000		340 (332)	247 (279)	329 (324)	52 (46)	75 (79)
Judgement	—	—	—	—	—	—
Specific Mutagenicity						
Positive Control	BLM (809)	2-AA (1270)	PA (1530)	2-AA (1280)	AF-2 (1273)	2-AA (972)