

[7] p,p' - DDT

試験系	試験方法	使用生物種・細胞株	試験結果		文献 番号
			代謝活性化系 あり	なし	
in vitro	復帰突然変異	ネズミチフス菌 TA100	-	-	1 他
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
		ネズミチフス菌 TA1535	-	-	3
			-	-	
			-	-	
			-	-	
		ネズミチフス菌 TA1537	-	-	4
			-	-	
			-	-	
			-	-	
		ネズミチフス菌 TA1538	-	-	4
			-	-	
			-	-	
			-	-	
		ネズミチフス菌 TA98	-	-	1 他
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
			-	-	
ネズミチフス菌 TA92	-	-	5		
ネズミチフス菌 TA1536	-	-	4		
ネズミチフス菌 C3076	-	-	6		
ネズミチフス菌 D3052	-	-	6		
ネズミチフス菌 G46	-	-	6		
ネズミチフス菌 TA1978	-	-	7		
大腸菌 WP uvrA	-	-	6		

		大腸菌 WP2 uvrA	-		5
		大腸菌 WP2 uvrA	-	-	6
		大腸菌 WP2 hcr	-	-	3
前進突然変異		糸状菌		-	8
		アカパンカビ		-	9
染色体異数性		糸状菌		-	8
遺伝子突然変異		チャイニーズハムスター V79 細胞, hprt 座位		-	10
		ヒト線維芽細胞	-	-	11
細胞形質転換		マウス線維芽細胞	+	+	12
		マウス胚細胞		-	13
染色体異常		チャイニーズハムスター V79 細胞		-	10
		チャイニーズハムスター B14F28 細胞		+	14
		ヒトリンパ球		-	15
DNA 傷害		チャイニーズハムスター-V79 細胞	-	-	16
		ラット肝細胞		-	17
DNA 不定期合成		ラット肝細胞		-	18
		マウス肝細胞		-	18
		ハムスター肝細胞		-	18
		ヒト HeLa 細胞		-	19
DNA 不定期合成		ヒト線維芽細胞	-	-	20
		ヒトリンパ球		-	21
		ラット肝臓上皮細胞		+	22
代謝の協同性阻害		ラット肝臓 WB-F344 細胞		+	23
		チャイニーズハムスター-V79 細胞		+	24
				+	
				+	
				+	
				+	
				+	
		マウス肝細胞		+	25 他
		ハムスター線維芽細胞		+	26
		ヒト皮膚線維芽細胞		+	27
	奇形がん細胞		+	28	
in vivo	伴性劣性致死突然変異	ショウジョウバエ		-	29 他
	優性致死突然変異	ショウジョウバエ		+	9
	染色体異数性	ショウジョウバエ		+	9
	染色体欠失	ショウジョウバエ		-	30
	宿主経由試験	マウス,アカパンカビ		-	9
		ネズミチフス菌 his G46		-	31
	マウススポット試験	マウス、細菌類		-	32
	染色体異常	マウス骨髄細胞		+	33
ラット骨髄細胞			-	34	
			-		

			-	
			-	
		マウス精母細胞	(+)	9
優性致死突然変異	マウス		-	35
			-	
			-	
			(+)	9
		ラット	(+)	36
染色体異常		ヒトリンパ球	(+)	37
ギャップ結合の低下		ラット肝臓細胞	+	38
精子形態異常	マウス		-	39
			-	
			-	
		ラット	+	40
評価結果	上記のとおり、哺乳動物の培養細胞で染色体異常を認め、in vivo 試験系でDNA 傷害が認められたが、エームス試験等の複数の試験系で陰性の結果も多く認められた。			

注：1) + 陽性； (+) 弱い陽性； - 陰性； * 結論が出なかったもの

空欄；試験系がないか、試験されなかったもの

2) 本物質は、1971年に農薬登録が失効した。

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