

酸化チタン（ナノ粒子、アナターゼ型）の rasH2 マウス
を用いた吸入による中期がん原性試験報告書

試験番号：0887

TABLES

TABLES

TABLE A	CONCENTRATIONS OF TITANIUM DIOXIDE IN THE INHALATION CHAMBER OF <i>rasH2</i> MICE IN THE 26-WEEK CARCINOGENICITY STUDY
TABLE B1	SURVIVAL ANIMAL NUMBERS: MALE
TABLE B2	SURVIVAL ANIMAL NUMBERS: FEMALE
TABLE C1	CLINICAL OBSERVATION: MALE
TABLE C2	CLINICAL OBSERVATION: FEMALE
TABLE D1	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE
TABLE D2	BODY WEIGHT CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE
TABLE D3	BODY WEIGHT CHANGES: MALE
TABLE D4	BODY WEIGHT CHANGES: FEMALE
TABLE E1	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : MALE
TABLE E2	FOOD CONSUMPTION CHANGES AND SURVIVAL ANIMAL NUMBERS : FEMALE
TABLE E3	FOOD CONSUMPTION CHANGES: MALE
TABLE E4	FOOD CONSUMPTION CHANGES: FEMALE
TABLE F1	HEMATOLOGY: MALE
TABLE F2	HEMATOLOGY: FEMALE
TABLE G1	BIOCHEMISTRY: MALE
TABLE G2	BIOCHEMISTRY: FEMALE

TABLES (CONTINUED)

TABLE	H1	GROSS FINDINGS: MALE
TABLE	H2	GROSS FINDINGS: FEMALE
TABLE	I1	ORGAN WEIGHT, ABSOLUTE: MALE
TABLE	I2	ORGAN WEIGHT, ABSOLUTE: FEMALE
TABLE	J1	ORGAN WEIGHT, RELATIVE: MALE
TABLE	J2	ORGAN WEIGHT, RELATIVE: FEMALE
TABLE	K1	HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS : MALE
TABLE	K2	HISTOPATHOLOGICAL FINDINGS: NEOPLASTIC LESIONS : FEMALE
TABLE	L1	NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS: MALE
TABLE	L2	NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS: FEMALE
TABLE	M1	NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED : MALE
TABLE	M2	NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED : FEMALE
TABLE	N	HISTOPATHOLOGICAL FINDINGS: METASTASIS OF TUMOR: FEMALE
TABLE	O1	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS : MALE
TABLE	O2	HISTOPATHOLOGICAL FINDINGS: NON-NEOPLASTIC LESIONS : FEMALE

TABLES (CONTINUED)

TABLE P1 CAUSE OF DEATH: MALE

TABLE P2 CAUSE OF DEATH: FEMALE

TABLE A

CONCENTRATIONS OF TITANIUM DIOXIDE
IN THE INHALATION CHAMBER OF *rasH2* MICE
IN THE 26-WEEK CARCINOGENICITY STUDY

TABLE A CONCENTRATIONS OF TITANIUM DIOXIDE IN THE INHALATION CHAMBER OF rasH2 MICE IN THE 26-WEEK CARCINOGENICITY

Group Name	Concentration(mg/m ³) Mean ± S.D.
Control	0.0 ± 0.0
2 mg/m ³	2.0 ± 0.0
8 mg/m ³	8.1 ± 0.2
32 mg/m ³	32.0 ± 0.5

TABLE B1

SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 REPORT TYPE : A1 26
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
2 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
8 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
32 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
		Number of survival/ Number of effective animals Survival rate(%)													

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 REPORT TYPE : A1 26
 SEX : MALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks)													
		14	15	16	17	18	19	20	21	22	23	24	25	26	
Control	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	
2 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	24/25 96.0	24/25 96.0	24/25 96.0	24/25 96.0	
8 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	
32 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	
		Number of survival/ Number of effective animals Survival rate(%)													

TABLE B2

SURVIVAL ANIMAL NUMBERS : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1 26
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks)													
		0	1	2	3	4	5	6	7	8	9	10	11	12	13
Control	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
2 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
8 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
32 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
		Number of survival/ Number of effective animals Survival rate(%)													

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 REPORT TYPE : A1 26
 SEX : FEMALE

SURVIVAL ANIMAL NUMBERS

Group Name	Animals At start	Administration (Weeks)												
		14	15	16	17	18	19	20	21	22	23	24	25	26
Control	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	24/25 96.0
2 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0
8 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	24/25 96.0	24/25 96.0	24/25 96.0
32 mg/m3	25	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	25/25 100.0	24/25 96.0	24/25 96.0	24/25 96.0	24/25 96.0	24/25 96.0	23/25 92.0	23/25 92.0	23/25 92.0
		Number of survival/ Number of effective animals Survival rate(%)												

TABLE C1

CLINICAL OBSERVATION : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 REPORT TYPE : A1 26

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 1

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	2 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	8 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	32 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25

(HAN190)

BAIS 6

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 REPORT TYPE : A1 26

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : MALE

PAGE : 2

Clinical sign	Group Name	Administration Week-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7
		1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	1	1	1	1	1
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	25	25	25	25	25	25	25	25	25	25	25	25
	2 mg/m3	25	25	25	25	25	25	25	24	24	24	24	24
	8 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25
	32 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25

(HAN190)

BAIS 6

TABLE C2

CLINICAL OBSERVATION : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 REPORT TYPE : A1 26

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 3

Clinical sign	Group Name	Administration Week-day													
		1-7	2-7	3-7	4-7	5-7	6-7	7-7	8-7	9-7	10-7	11-7	12-7	13-7	14-7
		1	1	1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0	0	0
NON REMARKABLE	Control	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	2 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	8 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25
	32 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25	25	25

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 REPORT TYPE : A1 26

CLINICAL OBSERVATION (SUMMARY)
 ALL ANIMALS

SEX : FEMALE

PAGE : 4

Clinical sign	Group Name	Administration Week-day											
		15-7	16-7	17-7	18-7	19-7	20-7	21-7	22-7	23-7	24-7	25-7	26-7
		1	1	1	1	1	1	1	1	1	1	1	1
DEATH	Control	0	0	0	0	0	0	0	0	0	0	0	1
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	1	1	1
	32 mg/m3	0	0	0	0	1	1	1	1	1	1	1	1
MORIBUND SACRIFICE	Control	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	0	1	1	1
LOCOMOTOR MOVEMENT DECR	Control	0	0	0	0	0	0	0	0	0	0	0	0
	2 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	8 mg/m3	0	0	0	0	0	0	0	0	0	0	0	0
	32 mg/m3	0	0	0	0	0	0	0	0	1	0	0	0
NON REMARKABLE	Control	25	25	25	25	25	25	25	25	25	25	25	24
	2 mg/m3	25	25	25	25	25	25	25	25	25	25	25	25
	8 mg/m3	25	25	25	25	25	25	25	25	25	24	24	24
	32 mg/m3	25	25	25	25	24	24	24	24	23	23	23	23

TABLE D1

BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control		2 mg/m3		8 mg/m3		32 mg/m3				
	Av. Wt.	No. of Surviv. <25>	Av. Wt.	% of cont. <25>	No. of Surviv.	Av. Wt.	% of cont. <25>	No. of Surviv.	Av. Wt.	% of cont. <25>	No. of Surviv.
0-0	24.4 (25)	25/25	24.4 (25)	100	25/25	24.4 (25)	100	25/25	24.4 (25)	100	25/25
1-7	24.9 (25)	25/25	25.1 (25)	101	25/25	25.0 (25)	100	25/25	25.0 (25)	100	25/25
2-7	25.3 (25)	25/25	25.5 (25)	101	25/25	25.4 (25)	100	25/25	25.6 (25)	101	25/25
3-7	25.5 (25)	25/25	25.8 (25)	101	25/25	25.4 (25)	100	25/25	25.7 (25)	101	25/25
4-7	25.9 (25)	25/25	26.3 (25)	102	25/25	26.1 (25)	101	25/25	26.1 (25)	101	25/25
5-7	26.2 (25)	25/25	26.4 (25)	101	25/25	26.6 (25)	102	25/25	26.4 (25)	101	25/25
6-7	26.9 (25)	25/25	27.0 (25)	100	25/25	27.3 (25)	101	25/25	27.3 (25)	101	25/25
7-7	27.1 (25)	25/25	27.4 (25)	101	25/25	27.6 (25)	102	25/25	27.4 (25)	101	25/25
8-7	27.5 (25)	25/25	27.7 (25)	101	25/25	28.1 (25)	102	25/25	27.6 (25)	100	25/25
9-7	27.9 (25)	25/25	28.1 (25)	101	25/25	28.6 (25)	103	25/25	28.4 (25)	102	25/25
10-7	28.3 (25)	25/25	28.7 (25)	101	25/25	28.9 (25)	102	25/25	29.0 (25)	102	25/25
11-7	28.8 (25)	25/25	29.0 (25)	101	25/25	29.2 (25)	101	25/25	29.3 (25)	102	25/25
12-7	28.6 (25)	25/25	29.4 (25)	103	25/25	29.6 (25)	103	25/25	29.7 (25)	104	25/25
13-7	28.9 (25)	25/25	29.7 (25)	103	25/25	29.7 (25)	103	25/25	29.9 (25)	103	25/25
14-7	29.0 (25)	25/25	30.1 (25)	104	25/25	30.1 (25)	104	25/25	30.2 (25)	104	25/25
15-7	29.3 (25)	25/25	30.1 (25)	103	25/25	30.5 (25)	104	25/25	30.2 (25)	103	25/25
16-7	29.4 (25)	25/25	30.6 (25)	104	25/25	30.8 (25)	105	25/25	30.7 (25)	104	25/25
17-7	29.3 (25)	25/25	30.6 (25)	104	25/25	31.0 (25)	106	25/25	30.9 (25)	105	25/25
18-7	30.0 (25)	25/25	30.6 (25)	102	25/25	31.2 (25)	104	25/25	30.8 (25)	103	25/25
19-7	29.5 (25)	25/25	30.6 (25)	104	25/25	31.4 (25)	106	25/25	31.0 (25)	105	25/25
20-7	29.8 (25)	25/25	30.8 (25)	103	25/25	31.4 (25)	105	25/25	31.0 (25)	104	25/25
21-7	29.6 (25)	25/25	30.7 (25)	104	25/25	31.7 (25)	107	25/25	31.1 (25)	105	25/25
22-7	29.8 (25)	25/25	30.9 (24)	104	24/25	31.7 (25)	106	25/25	31.4 (25)	105	25/25
23-7	29.5 (25)	25/25	31.4 (24)	106	24/25	32.1 (25)	109	25/25	31.7 (25)	107	25/25
24-7	29.8 (25)	25/25	31.2 (24)	105	24/25	32.3 (25)	108	25/25	31.9 (25)	107	25/25
25-7	30.3 (25)	25/25	31.5 (24)	104	24/25	32.4 (25)	107	25/25	31.8 (25)	105	25/25
26-7	30.3 (25)	25/25	31.5 (24)	104	24/25	32.3 (25)	107	25/25	31.6 (25)	104	25/25

< >:No. of effective animals, ():No. of measured animals Av. Wt. : g

TABLE D2

**BODY WEIGHT CHANGES AND
SURVIVAL ANIMAL NUMBERS : FEMALE**

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

MEAN BODY WEIGHTS AND SURVIVAL

Week-Day on Study	Control		2 mg/m3			8 mg/m3			32 mg/m3		
	Av. Wt.	No. of Surviv. <25>	Av. Wt.	% of cont. <25>	No. of Surviv.	Av. Wt.	% of cont. <25>	No. of Surviv.	Av. Wt.	% of cont. <25>	No. of Surviv.
0-0	20.0 (25)	25/25	20.0 (25)	100	25/25	20.0 (25)	100	25/25	20.0 (25)	100	25/25
1-7	21.0 (25)	25/25	21.1 (25)	100	25/25	21.1 (25)	100	25/25	21.4 (25)	102	25/25
2-7	21.1 (25)	25/25	21.6 (25)	102	25/25	21.4 (25)	101	25/25	21.4 (25)	101	25/25
3-7	21.3 (25)	25/25	21.5 (25)	101	25/25	21.2 (25)	100	25/25	21.3 (25)	100	25/25
4-7	21.1 (25)	25/25	21.2 (25)	100	25/25	21.4 (25)	101	25/25	21.2 (25)	100	25/25
5-7	21.2 (25)	25/25	21.6 (25)	102	25/25	21.8 (25)	103	25/25	21.1 (25)	100	25/25
6-7	21.7 (25)	25/25	21.9 (25)	101	25/25	22.1 (25)	102	25/25	22.0 (25)	101	25/25
7-7	22.2 (25)	25/25	22.4 (25)	101	25/25	22.2 (25)	100	25/25	22.1 (25)	100	25/25
8-7	22.2 (25)	25/25	22.6 (25)	102	25/25	22.7 (25)	102	25/25	22.4 (25)	101	25/25
9-7	22.6 (25)	25/25	23.0 (25)	102	25/25	23.1 (25)	102	25/25	22.8 (25)	101	25/25
10-7	22.5 (25)	25/25	23.5 (25)	104	25/25	23.1 (25)	103	25/25	23.0 (25)	102	25/25
11-7	22.8 (25)	25/25	23.2 (25)	102	25/25	23.5 (25)	103	25/25	23.2 (25)	102	25/25
12-7	23.0 (25)	25/25	23.5 (25)	102	25/25	23.9 (25)	104	25/25	23.5 (25)	102	25/25
13-7	23.5 (25)	25/25	23.7 (25)	101	25/25	24.0 (25)	102	25/25	23.4 (25)	100	25/25
14-7	23.6 (25)	25/25	24.0 (25)	102	25/25	24.0 (25)	102	25/25	23.9 (25)	101	25/25
15-7	23.8 (25)	25/25	24.4 (25)	103	25/25	24.2 (25)	102	25/25	24.1 (25)	101	25/25
16-7	23.7 (25)	25/25	25.0 (25)	105	25/25	24.9 (25)	105	25/25	24.4 (25)	103	25/25
17-7	24.0 (25)	25/25	24.2 (25)	101	25/25	25.2 (25)	105	25/25	24.5 (25)	102	25/25
18-7	24.9 (25)	25/25	24.8 (25)	100	25/25	25.0 (25)	100	25/25	24.8 (25)	100	25/25
19-7	24.4 (25)	25/25	25.1 (25)	103	25/25	25.0 (25)	102	25/25	24.9 (24)	102	24/25
20-7	24.6 (25)	25/25	24.9 (25)	101	25/25	25.0 (25)	102	25/25	25.1 (24)	102	24/25
21-7	24.9 (25)	25/25	25.1 (25)	101	25/25	25.2 (25)	101	25/25	24.7 (24)	99	24/25
22-7	24.4 (25)	25/25	24.9 (25)	102	25/25	24.9 (25)	102	25/25	24.6 (24)	101	24/25
23-7	24.5 (25)	25/25	25.5 (25)	104	25/25	25.5 (25)	104	25/25	25.1 (24)	102	24/25
24-7	24.8 (25)	25/25	25.5 (25)	103	25/25	25.9 (24)	104	24/25	25.8 (23)	104	23/25
25-7	24.8 (25)	25/25	25.7 (25)	104	25/25	25.8 (24)	104	24/25	25.2 (23)	102	23/25
26-7	24.8 (24)	24/25	25.7 (25)	104	25/25	26.2 (24)	106	24/25	25.2 (23)	102	23/25

< >:No. of effective animals, ():No. of measured animals Av. Wt. : g

TABLE D3

BODY WEIGHT CHANGES : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	0	1	2	3	4	5	6
Control	24.4± 1.2	24.9± 1.4	25.3± 1.2	25.5± 1.3	25.9± 1.2	26.2± 1.4	26.9± 1.3
2 mg/m3	24.4± 1.2	25.1± 1.5	25.5± 1.4	25.8± 1.4	26.3± 1.4	26.4± 1.2	27.0± 1.4
8 mg/m3	24.4± 1.2	25.0± 1.3	25.4± 1.4	25.4± 1.4	26.1± 1.4	26.6± 1.5	27.3± 1.7
32 mg/m3	24.4± 1.2	25.0± 1.2	25.6± 1.2	25.7± 1.3	26.1± 1.3	26.4± 1.3	27.3± 1.5

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		7		8		9		10		11		12		13	
Control	27.1±	1.3	27.5±	1.7	27.9±	1.6	28.3±	1.8	28.8±	1.5	28.6±	1.7	28.9±	1.9		
2 mg/m3	27.4±	1.5	27.7±	1.3	28.1±	1.5	28.7±	1.4	29.0±	1.7	29.4±	1.8	29.7±	1.8		
8 mg/m3	27.6±	1.8	28.1±	1.7	28.6±	1.6	28.9±	1.8	29.2±	2.0	29.6±	1.9	29.7±	1.9		
32 mg/m3	27.4±	1.5	27.6±	1.5	28.4±	1.7	29.0±	1.6	29.3±	1.8	29.7±	1.7	29.9±	1.9		

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		14		15		16		17		18		19		20	
Control	29.0±	1.7	29.3±	2.1	29.4±	2.1	29.3±	2.1	30.0±	2.2	29.5±	2.2	29.8±	2.2		
2 mg/m3	30.1±	1.9	30.1±	1.9	30.6±	2.0	30.6±	1.7	30.6±	2.0	30.6±	2.0	30.8±	1.8		
8 mg/m3	30.1±	1.9	30.5±	2.1	30.8±	2.1	31.0±	2.3*	31.2±	2.2	31.4±	2.1**	31.4±	2.2		
32 mg/m3	30.2±	2.1	30.2±	2.0	30.7±	2.1	30.9±	2.2*	30.8±	2.2	31.0±	2.1*	31.0±	2.1		

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		21		22		23		24		25		26	
Control	29.6±	2.0	29.8±	2.0	29.5±	2.0	29.8±	2.1	30.3±	2.0	30.3±	1.9		
2 mg/m3	30.7±	1.7	30.9±	1.7	31.4±	1.8**	31.2±	1.8*	31.5±	1.7	31.5±	1.9		
8 mg/m3	31.7±	2.2**	31.7±	2.1**	32.1±	2.1**	32.3±	2.4**	32.4±	2.0**	32.3±	2.0**		
32 mg/m3	31.1±	2.2*	31.4±	2.2*	31.7±	2.0**	31.9±	2.1**	31.8±	1.9*	31.6±	2.2*		

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

TABLE D4

BODY WEIGHT CHANGES : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		1		2		3		4		5		6	
	0													
Control	20.0±	1.0	21.0±	1.2	21.1±	1.1	21.3±	1.2	21.1±	1.2	21.2±	1.1	21.7±	0.9
2 mg/m3	20.0±	1.0	21.1±	1.0	21.6±	0.8	21.5±	0.9	21.2±	0.9	21.6±	1.2	21.9±	1.0
8 mg/m3	20.0±	0.9	21.1±	1.2	21.4±	1.2	21.2±	1.2	21.4±	1.2	21.8±	1.0	22.1±	1.2
32 mg/m3	20.0±	0.9	21.4±	1.2	21.4±	1.4	21.3±	1.6	21.2±	1.6	21.1±	1.4	22.0±	1.2

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		7		8		9		10		11		12		13	
Control	22.2±	1.2	22.2±	1.4	22.6±	1.0	22.5±	1.1	22.8±	0.9	23.0±	1.0	23.5±	1.6		
2 mg/m3	22.4±	1.1	22.6±	0.9	23.0±	0.8	23.5±	1.5*	23.2±	0.9	23.5±	1.0	23.7±	1.2		
8 mg/m3	22.2±	1.2	22.7±	1.0	23.1±	0.9	23.1±	1.3	23.5±	1.1	23.9±	1.5	24.0±	1.4		
32 mg/m3	22.1±	1.1	22.4±	1.2	22.8±	1.5	23.0±	1.2	23.2±	1.1	23.5±	1.5	23.4±	1.1		

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week		14		15		16		17		18		19		20	
Control	23.6±	1.3	23.8±	1.4	23.7±	1.2	24.0±	1.2	24.9±	1.4	24.4±	1.3	24.6±	1.4		
2 mg/m3	24.0±	1.3	24.4±	1.3	25.0±	1.4**	24.2±	1.5	24.8±	1.0	25.1±	1.1	24.9±	1.0		
8 mg/m3	24.0±	1.3	24.2±	0.9	24.9±	1.5*	25.2±	1.3*	25.0±	1.2	25.0±	1.2	25.0±	1.0		
32 mg/m3	23.9±	1.5	24.1±	1.5	24.4±	1.7	24.5±	1.3	24.8±	1.1	24.9±	1.2	25.1±	1.4		

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

BODY WEIGHT CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week					
	21	22	23	24	25	26
Control	24.9± 1.8	24.4± 1.2	24.5± 1.5	24.8± 1.6	24.8± 1.3	24.8± 1.1
2 mg/m3	25.1± 1.7	24.9± 1.0	25.5± 1.2	25.5± 1.3	25.7± 1.5	25.7± 2.0
8 mg/m3	25.2± 1.4	24.9± 1.4	25.5± 1.4	25.9± 1.7	25.8± 1.6	26.2± 1.7**
32 mg/m3	24.7± 1.4	24.6± 1.2	25.1± 1.6	25.8± 2.0	25.2± 1.5	25.2± 1.7

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

TABLE E1

FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

Week-Day on Study	Control		2 mg/m3		8 mg/m3		32 mg/m3				
	Av. FC.	No. of Surviv. <25>	Av. FC.	% of cont. <25>	No. of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv.
1-7	4.1 (25)	25/25	4.1 (25)	100	25/25	4.2 (25)	102	25/25	4.2 (25)	102	25/25
2-7	3.7 (25)	25/25	3.8 (25)	103	25/25	3.8 (25)	103	25/25	3.8 (25)	103	25/25
3-7	3.6 (25)	25/25	3.6 (25)	100	25/25	3.6 (25)	100	25/25	3.6 (25)	100	25/25
4-7	3.6 (25)	25/25	3.6 (25)	100	25/25	3.8 (25)	106	25/25	3.7 (25)	103	25/25
5-7	3.7 (25)	25/25	3.7 (25)	100	25/25	4.0 (25)	108	25/25	3.8 (25)	103	25/25
6-7	3.9 (25)	25/25	3.8 (25)	97	25/25	4.0 (25)	103	25/25	3.9 (25)	100	25/25
7-7	3.7 (25)	25/25	3.9 (25)	105	25/25	4.0 (25)	108	25/25	4.0 (25)	108	25/25
8-7	3.9 (25)	25/25	4.2 (25)	108	25/25	4.3 (25)	110	25/25	4.2 (25)	108	25/25
9-7	4.0 (25)	25/25	4.3 (25)	108	25/25	4.4 (25)	110	25/25	4.2 (25)	105	25/25
10-7	4.1 (25)	25/25	4.4 (25)	107	25/25	4.5 (25)	110	25/25	4.3 (25)	105	25/25
11-7	4.1 (25)	25/25	4.4 (25)	107	25/25	4.6 (25)	112	25/25	4.3 (25)	105	25/25
12-7	4.1 (25)	25/25	4.5 (25)	110	25/25	4.6 (25)	112	25/25	4.3 (25)	105	25/25
13-7	4.1 (25)	25/25	4.4 (25)	107	25/25	4.5 (25)	110	25/25	4.4 (25)	107	25/25
14-7	4.0 (25)	25/25	4.3 (25)	108	25/25	4.4 (25)	110	25/25	4.2 (25)	105	25/25
15-7	4.2 (25)	25/25	4.4 (25)	105	25/25	4.6 (25)	110	25/25	4.3 (25)	102	25/25
16-7	4.0 (25)	25/25	4.3 (25)	108	25/25	4.5 (25)	113	25/25	4.3 (25)	108	25/25
17-7	4.0 (25)	25/25	4.3 (25)	108	25/25	4.5 (25)	113	25/25	4.3 (25)	108	25/25
18-7	4.2 (25)	25/25	4.2 (25)	100	25/25	4.5 (25)	107	25/25	4.3 (25)	102	25/25
19-7	4.0 (25)	25/25	4.2 (25)	105	25/25	4.5 (25)	113	25/25	4.3 (25)	108	25/25
20-7	4.0 (25)	25/25	4.3 (25)	108	25/25	4.5 (25)	113	25/25	4.3 (25)	108	25/25
21-7	4.1 (25)	25/25	4.2 (25)	102	25/25	4.6 (25)	112	25/25	4.4 (25)	107	25/25
22-7	4.1 (25)	25/25	4.3 (24)	105	24/25	4.6 (25)	112	25/25	4.4 (25)	107	25/25
23-7	4.1 (25)	25/25	4.5 (24)	110	24/25	4.6 (25)	112	25/25	4.4 (25)	107	25/25
24-7	4.1 (25)	25/25	4.3 (24)	105	24/25	4.6 (25)	112	25/25	4.4 (25)	107	25/25
25-7	4.1 (25)	25/25	4.4 (24)	107	24/25	4.6 (25)	112	25/25	4.3 (25)	105	25/25
26-7	4.1 (25)	25/25	4.4 (24)	107	24/25	4.6 (25)	112	25/25	4.4 (25)	107	25/25

< >:No. of effective animals, () :No. of measured animals Av. FC. : g

TABLE E2

**FOOD CONSUMPTION CHANGES AND
SURVIVAL ANIMAL NUMBERS : FEMALE**

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

MEAN FOOD CONSUMPTION (FC) AND SURVIVAL

Week-Day on Study	Control		2 mg/m3		8 mg/m3		32 mg/m3				
	Av. FC.	No. of Surviv. <25>	Av. FC.	% of cont. <25>	No. of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv.	Av. FC.	% of cont. <25>	No. of Surviv.
1-7	3.7 (25)	25/25	3.8 (25)	103	25/25	3.8 (25)	103	25/25	3.9 (25)	105	25/25
2-7	3.2 (25)	25/25	3.4 (25)	106	25/25	3.4 (25)	106	25/25	3.2 (25)	100	25/25
3-7	3.1 (25)	25/25	3.1 (25)	100	25/25	3.1 (25)	100	25/25	3.0 (25)	97	25/25
4-7	3.0 (25)	25/25	3.0 (25)	100	25/25	3.2 (25)	107	25/25	3.1 (25)	103	25/25
5-7	3.2 (25)	25/25	3.2 (25)	100	25/25	3.4 (25)	106	25/25	3.2 (25)	100	25/25
6-7	3.5 (25)	25/25	3.4 (25)	97	25/25	3.4 (25)	97	25/25	3.5 (25)	100	25/25
7-7	3.6 (25)	25/25	3.5 (25)	97	25/25	3.8 (25)	106	25/25	3.7 (25)	103	25/25
8-7	3.8 (25)	25/25	3.8 (25)	100	25/25	4.1 (25)	108	25/25	4.0 (25)	105	25/25
9-7	4.0 (25)	25/25	4.0 (25)	100	25/25	4.1 (25)	103	25/25	4.0 (25)	100	25/25
10-7	4.0 (25)	25/25	4.1 (25)	103	25/25	4.2 (25)	105	25/25	4.1 (25)	103	25/25
11-7	4.2 (25)	25/25	4.0 (25)	95	25/25	4.3 (25)	102	25/25	4.1 (25)	98	25/25
12-7	4.2 (25)	25/25	4.1 (25)	98	25/25	4.2 (25)	100	25/25	4.0 (25)	95	25/25
13-7	4.2 (25)	25/25	4.1 (25)	98	25/25	4.2 (25)	100	25/25	4.2 (25)	100	25/25
14-7	4.0 (25)	25/25	4.0 (25)	100	25/25	4.1 (25)	103	25/25	3.9 (25)	98	25/25
15-7	4.2 (25)	25/25	4.1 (25)	98	25/25	4.2 (25)	100	25/25	4.1 (25)	98	25/25
16-7	4.1 (25)	25/25	4.2 (25)	102	25/25	4.3 (25)	105	25/25	4.0 (25)	98	25/25
17-7	4.2 (25)	25/25	3.9 (25)	93	25/25	4.2 (25)	100	25/25	4.2 (25)	100	25/25
18-7	4.2 (25)	25/25	4.1 (25)	98	25/25	4.1 (25)	98	25/25	4.1 (25)	98	25/25
19-7	4.1 (25)	25/25	4.0 (25)	98	25/25	4.2 (25)	102	25/25	4.1 (24)	100	24/25
20-7	4.2 (25)	25/25	4.0 (25)	95	25/25	4.1 (25)	98	25/25	4.1 (24)	98	24/25
21-7	4.3 (25)	25/25	4.2 (25)	98	25/25	4.3 (25)	100	25/25	4.1 (24)	95	24/25
22-7	4.1 (25)	25/25	4.2 (25)	102	25/25	4.3 (25)	105	25/25	4.3 (24)	105	24/25
23-7	4.2 (25)	25/25	4.3 (25)	102	25/25	4.4 (25)	105	25/25	4.2 (24)	100	24/25
24-7	4.1 (25)	25/25	4.2 (25)	102	25/25	4.3 (24)	105	24/25	4.2 (23)	102	23/25
25-7	4.2 (25)	25/25	4.3 (25)	102	25/25	4.3 (24)	102	24/25	4.2 (23)	100	23/25
26-7	4.2 (24)	24/25	4.2 (25)	100	25/25	4.4 (24)	105	24/25	4.2 (23)	100	23/25

< >:No. of effective animals, () :No. of measured animals Av. FC. : g

TABLE E3

FOOD CONSUMPTION CHANGES : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	4.1± 0.3	3.7± 0.2	3.6± 0.4	3.6± 0.2	3.7± 0.2	3.9± 0.3	3.7± 0.3
2 mg/m3	4.1± 0.3	3.8± 0.2	3.6± 0.2	3.6± 0.2	3.7± 0.3	3.8± 0.2	3.9± 0.3
8 mg/m3	4.2± 0.3	3.8± 0.2	3.6± 0.2	3.8± 0.2**	4.0± 0.4	4.0± 0.4	4.0± 0.4*
32 mg/m3	4.2± 0.3	3.8± 0.3	3.6± 0.2	3.7± 0.2	3.8± 0.2	3.9± 0.3	4.0± 0.3**

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	3.9± 0.4	4.0± 0.4	4.1± 0.5	4.1± 0.5	4.1± 0.4	4.1± 0.6	4.0± 0.5
2 mg/m3	4.2± 0.4	4.3± 0.4	4.4± 0.5	4.4± 0.5*	4.5± 0.5*	4.4± 0.5*	4.3± 0.4
8 mg/m3	4.3± 0.4**	4.4± 0.4**	4.5± 0.4**	4.6± 0.5**	4.6± 0.4**	4.5± 0.4**	4.4± 0.4**
32 mg/m3	4.2± 0.3	4.2± 0.3	4.3± 0.3*	4.3± 0.3	4.3± 0.3	4.4± 0.3**	4.2± 0.3

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	15	16	17	18	19	20	21
Control	4.2± 0.5	4.0± 0.4	4.0± 0.6	4.2± 0.4	4.0± 0.5	4.0± 0.5	4.1± 0.5
2 mg/m3	4.4± 0.5	4.3± 0.5*	4.3± 0.4*	4.2± 0.5	4.2± 0.4	4.3± 0.4	4.2± 0.4
8 mg/m3	4.6± 0.5**	4.5± 0.4**	4.5± 0.5**	4.5± 0.5*	4.5± 0.4**	4.5± 0.4**	4.6± 0.4**
32 mg/m3	4.3± 0.3	4.3± 0.3*	4.3± 0.3**	4.3± 0.4	4.3± 0.3	4.3± 0.3	4.4± 0.4*

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 UNIT : g
 REPORT TYPE : A1 26
 SEX : MALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week				
	22	23	24	25	26
Control	4.1± 0.4	4.1± 0.4	4.1± 0.4	4.1± 0.4	4.1± 0.4
2 mg/m3	4.3± 0.4	4.5± 0.4**	4.3± 0.4	4.4± 0.4	4.4± 0.5
8 mg/m3	4.6± 0.4**	4.6± 0.4**	4.6± 0.5**	4.6± 0.4**	4.6± 0.4**
32 mg/m3	4.4± 0.3*	4.4± 0.4*	4.4± 0.3*	4.3± 0.4	4.4± 0.4

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

TABLE E4

FOOD CONSUMPTION CHANGES : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	1	2	3	4	5	6	7
Control	3.7± 0.4	3.2± 0.3	3.1± 0.2	3.0± 0.3	3.2± 0.3	3.5± 0.3	3.6± 0.3
2 mg/m3	3.8± 0.4	3.4± 0.3**	3.1± 0.2	3.0± 0.2	3.2± 0.4	3.4± 0.3	3.5± 0.3
8 mg/m3	3.8± 0.4	3.4± 0.2*	3.1± 0.3	3.2± 0.3	3.4± 0.3	3.4± 0.3	3.8± 0.4
32 mg/m3	3.9± 0.4	3.2± 0.3	3.0± 0.4	3.1± 0.2	3.2± 0.3	3.5± 0.3	3.7± 0.5

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	8	9	10	11	12	13	14
Control	3.8± 0.5	4.0± 0.3	4.0± 0.4	4.2± 0.4	4.2± 0.4	4.2± 0.4	4.0± 0.4
2 mg/m3	3.8± 0.3	4.0± 0.3	4.1± 0.3	4.0± 0.3	4.1± 0.3	4.1± 0.3	4.0± 0.3
8 mg/m3	4.1± 0.4	4.1± 0.4	4.2± 0.4	4.3± 0.5	4.2± 0.4	4.2± 0.4	4.1± 0.4
32 mg/m3	4.0± 0.4	4.0± 0.4	4.1± 0.5	4.1± 0.4	4.0± 0.4	4.2± 0.5	3.9± 0.5

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week						
	15	16	17	18	19	20	21
Control	4.2± 0.4	4.1± 0.4	4.2± 0.5	4.2± 0.4	4.1± 0.4	4.2± 0.4	4.3± 0.4
2 mg/m3	4.1± 0.3	4.2± 0.4	3.9± 0.4*	4.1± 0.3	4.0± 0.3	4.0± 0.3	4.2± 0.4
8 mg/m3	4.2± 0.4	4.3± 0.4	4.2± 0.4	4.1± 0.4	4.2± 0.3	4.1± 0.3	4.3± 0.4
32 mg/m3	4.1± 0.4	4.0± 0.4	4.2± 0.4	4.1± 0.4	4.1± 0.4	4.1± 0.4	4.1± 0.5

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 UNIT : g
 REPORT TYPE : A1 26
 SEX : FEMALE

FOOD CONSUMPTION CHANGES (SUMMARY)
 ALL ANIMALS

Group Name	Administration week				
	22	23	24	25	26
Control	4.1± 0.4	4.2± 0.4	4.1± 0.4	4.2± 0.4	4.2± 0.4
2 mg/m3	4.2± 0.4	4.3± 0.4	4.2± 0.3	4.3± 0.5	4.2± 0.5
8 mg/m3	4.3± 0.4	4.4± 0.4	4.3± 0.3	4.3± 0.4	4.4± 0.4
32 mg/m3	4.3± 0.4	4.2± 0.6	4.2± 0.5	4.2± 0.4	4.2± 0.4

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

TABLE F1

HEMATOLOGY : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 MEASURE. TIME : 1
 SEX : MALE

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ⁹ /μl	
Control	24	11.15±	0.47	17.0±	0.7	51.6±	1.5	46.3±	1.3	15.3±	0.2	33.0±	0.7	1334±	121
2 mg/m3	23	10.98±	0.38	16.9±	0.6	50.9±	1.6	46.3±	0.7	15.3±	0.3	33.1±	0.5	1274±	69
8 mg/m3	25	10.92±	0.43*	17.0±	0.5	51.0±	2.1	46.7±	1.0	15.6±	0.4**	33.3±	0.6	1285±	93
32 mg/m3	25	10.39±	1.55**	16.1±	2.6	49.0±	7.0**	47.2±	1.5*	15.4±	0.6*	32.7±	1.8	1290±	170

Significant difference ; * : P ≤ 0.05

** : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
MEASURE. TIME : 1
SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (27W)

PAGE : 2

Group Name	NO. of Animals	RETICULOCYTE %	
Control	24	2.4±	1.5
2 mg/m3	23	2.1±	0.2
8 mg/m3	25	2.1±	0.2
32 mg/m3	25	4.3±	8.1

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 6

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 MEASURE TIME : 1
 SEX : MALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (27W)

Group Name	NO. of Animals	WBC		Differential		WBC (%)		MONO	EOSINO	BASO	OTHER				
		$10^3/\mu\ell$		NEUTRO		LYMPHO									
Control	24	1.86±	0.84	22±	7	63±	7	13±	7	2±	1	0±	0	0±	1
2 mg/m3	23	1.59±	0.84	24±	11	66±	10	7±	6**	2±	1	0±	0	0±	0
8 mg/m3	25	1.67±	1.18	22±	9	66±	11	8±	7	3±	1	0±	0	0±	0
32 mg/m3	25	1.58±	0.81	22±	7	67±	9	8±	7*	2±	1	0±	0	0±	0

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

TABLE F2

HEMATOLOGY : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 MEASURE TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (27W)

Group Name	NO. of Animals	RED BLOOD CELL 10 ⁶ /μl		HEMOGLOBIN g/dl		HEMATOCRIT %		MCV fl		MCH pg		MCHC g/dl		PLATELET 10 ³ /μl	
Control	24	10.79±	0.25	17.0±	0.4	50.7±	1.0	47.0±	0.6	15.8±	0.3	33.5±	0.4	1166±	100
2 mg/m3	25	10.46±	0.42**	16.6±	0.6	49.9±	1.2	47.7±	1.2**	15.9±	0.3	33.3±	0.7	1189±	119
8 mg/m3	23	10.57±	0.32	16.8±	0.5	50.1±	1.5	47.4±	0.7*	15.9±	0.3	33.6±	0.7	1122±	163
32 mg/m3	23	10.53±	0.39*	16.7±	0.5	50.2±	1.8	47.7±	0.6**	15.9±	0.3	33.3±	0.5	1144±	61

Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01

Test of Dunnett

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
MEASURE. TIME : 1
SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
ALL ANIMALS (27W)

PAGE : 5

Group Name	NO. of Animals	RETICULOCYTE %	
Control	24	2.6±	0.6
2 mg/m3	25	2.8±	2.8
8 mg/m3	23	2.3±	0.4
32 mg/m3	23	2.4±	0.5

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL070)

BAIS 6

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

HEMATOLOGY (SUMMARY)
 ALL ANIMALS (27W)

Group Name	NO. of Animals	WBC		Differential		WBC (%)		MONO	EOSINO	BASO	OTHER				
		1 O ³ /μl		NEUTRO		LYMPHO									
Control	24	2.58±	2.10	26±	9	67±	8	5±	8	2±	1	0±	0	0±	0
2 mg/m3	25	2.35±	2.08	24±	13	65±	12	8±	9	2±	1	0±	0	0±	0
8 mg/m3	23	1.98±	1.16	28±	12	65±	10	4±	6	3±	1	0±	0	0±	0
32 mg/m3	23	1.72±	1.71*	21±	9	68±	11	8±	8	2±	1	0±	0	0±	0

Significant difference ; * : P ≤ 0.05

** : P ≤ 0.01

Test of Dunnett

TABLE G1

BIOCHEMISTRY : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

PAGE : 1

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	23	5.1±	0.1	2.9±	0.1	1.3±	0.1	0.06±	0.01	201±	26	74±	7	45±	9
2 mg/m3	23	5.3±	0.2**	2.9±	0.1	1.2±	0.1*	0.06±	0.01	231±	20**	78±	8	54±	16
8 mg/m3	25	5.3±	0.2*	2.9±	0.1	1.2±	0.1**	0.05±	0.01	236±	29**	76±	8	53±	15
32 mg/m3	25	5.2±	0.2	2.9±	0.1	1.2±	0.1*	0.05±	0.01	223±	20**	78±	12	53±	17

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U/L		CK U/L	
Control	23	161±	15	69±	21	26±	15	250±	98	205±	18	0.3±	0.4	168±	297
2 mg/m3	23	168±	16	73±	17	26±	8	264±	65	211±	20	0.5±	0.4	160±	191
8 mg/m3	25	164±	19	86±	43	40±	33	293±	122	205±	12	0.6±	0.7	168±	190
32 mg/m3	25	167±	24	79±	26	29±	12	260±	53	209±	21	0.4±	0.4	139±	120

Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
 MEASURE. TIME : 1
 SEX : MALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	23	24.6±	5.9	151±	2	3.7±	0.3	117±	2	8.4±	0.1	4.7±	0.7
2 mg/m3	23	22.7±	3.9	151±	2	3.4±	0.3**	115±	2**	8.7±	0.2**	5.4±	1.0*
8 mg/m3	25	23.2±	4.4	151±	2	3.4±	0.4*	115±	3	8.7±	0.3**	5.5±	1.3*
32 mg/m3	25	21.2±	3.3	151±	2	3.3±	0.4**	115±	3	8.7±	0.2**	5.3±	0.7*

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

TABLE G2

BIOCHEMISTRY : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 MEASURE. TIME : 1
 SEX : FEMALE REPORT TYPE : A1

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

Group Name	NO. of Animals	TOTAL PROTEIN g/dl		ALBUMIN g/dl		A/G RATIO		T-BILIRUBIN mg/dl		GLUCOSE mg/dl		T-CHOLESTEROL mg/dl		TRIGLYCERIDE mg/dl	
Control	24	5.2±	0.2	3.1±	0.1	1.4±	0.1	0.05±	0.01	190±	25	60±	7	31±	14
2 mg/m3	25	5.4±	0.2*	3.1±	0.1	1.3±	0.1**	0.04±	0.01*	202±	25	64±	11	37±	13
8 mg/m3	23	5.4±	0.2*	3.1±	0.1	1.3±	0.1	0.05±	0.01	219±	26**	64±	7	40±	16
32 mg/m3	23	5.4±	0.2	3.1±	0.1	1.4±	0.1	0.06±	0.02	216±	27**	64±	7	36±	12

Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

Group Name	NO. of Animals	PHOSPHOLIPID mg/dl		AST U/L		ALT U/L		LDH U/L		ALP U/L		G-GTP U/L		CK U/L	
Control	24	123±	17	63±	12	20±	3	180±	30	332±	34	0.4±	0.3	74±	21
2 mg/m3	25	131±	22	83±	26**	27±	8**	210±	30**	323±	39	0.8±	1.1	131±	78**
8 mg/m3	23	132±	16	76±	18	26±	7**	220±	38**	321±	44	0.7±	0.8	112±	53**
32 mg/m3	23	133±	14	88±	30**	28±	9**	238±	52**	338±	41	0.6±	0.5	121±	57**

Significant difference ; * : $P \leq 0.05$

** : $P \leq 0.01$

Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 MEASURE. TIME : 1
 SEX : FEMALE

BIOCHEMISTRY (SUMMARY)
 ALL ANIMALS (27W)

REPORT TYPE : A1

Group Name	NO. of Animals	UREA NITROGEN mg/dl		SODIUM mEq/l		POTASSIUM mEq/l		CHLORIDE mEq/l		CALCIUM mg/dl		INORGANIC PHOSPHORUS mg/dl	
Control	24	18.8±	2.9	150±	2	3.4±	0.3	116±	2	8.9±	0.3	4.9±	0.8
2 mg/m3	25	17.4±	2.8	151±	2	3.0±	0.4**	114±	4	9.0±	0.3	5.2±	0.8
8 mg/m3	23	16.7±	2.4*	151±	2	3.1±	0.3*	115±	2	9.0±	0.2	5.4±	1.1
32 mg/m3	23	16.3±	1.6**	152±	2**	3.0±	0.5**	115±	4	9.0±	0.2	5.6±	0.9

Significant difference ; * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

TABLE H1

GROSS FINDINGS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : MALE

GROSS FINDINGS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name NO. of Animals	Control	2 mg/m3	8 mg/m3	32 mg/m3
			25 (%)	25 (%)	25 (%)	25 (%)
subcutis	mass		0 (0)	1 (4)	0 (0)	0 (0)
lung	white zone		0 (0)	0 (0)	0 (0)	25 (100)
	nodule		0 (0)	1 (4)	0 (0)	2 (8)
spleen	enlarged		0 (0)	0 (0)	0 (0)	1 (4)
	red zone		1 (4)	0 (0)	0 (0)	0 (0)
	black zone		2 (8)	0 (0)	2 (8)	3 (12)
	nodule		0 (0)	2 (8)	1 (4)	2 (8)
liver	white zone		0 (0)	0 (0)	1 (4)	0 (0)
urethra	thick		1 (4)	0 (0)	0 (0)	0 (0)
abdominal c	hemorrhage		0 (0)	1 (4)	0 (0)	0 (0)

TABLE H2

GROSS FINDINGS : FEMALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rash2@Jcl
REPORT TYPE : A1
SEX : FEMALE

GROSS FINDINGS (SUMMARY)
ALL ANIMALS (0- 27W)

Organ	Findings	Group Name NO. of Animals	Control			
			25	25	25	25
			(%)	(%)	(%)	(%)
subcutis	mass		1 (4)	0 (0)	0 (0)	1 (4)
lung	red		0 (0)	0 (0)	1 (4)	0 (0)
	white zone		0 (0)	0 (0)	0 (0)	23 (92)
	nodule		1 (4)	1 (4)	0 (0)	0 (0)
spleen	white zone		0 (0)	0 (0)	1 (4)	0 (0)
	black zone		6 (24)	3 (12)	6 (24)	1 (4)
	nodule		0 (0)	1 (4)	0 (0)	1 (4)
liver	red zone		0 (0)	1 (4)	0 (0)	0 (0)
kidney	hydronephrosis		0 (0)	1 (4)	0 (0)	0 (0)
ovary	enlarged		0 (0)	1 (4)	0 (0)	0 (0)
uterus	nodule		1 (4)	1 (4)	0 (0)	0 (0)
brain	red zone		0 (0)	0 (0)	0 (0)	1 (4)
periph nerv	cyst		0 (0)	0 (0)	0 (0)	1 (4)
muscle	red zone		1 (4)	0 (0)	0 (0)	0 (0)
bone	red zone		0 (0)	0 (0)	0 (0)	1 (4)
peritoneum	nodule		0 (0)	0 (0)	1 (4)	0 (0)
abdominal c	hemorrhage		0 (0)	0 (0)	0 (0)	1 (4)
thoracic ca	hemorrhage		1 (4)	0 (0)	0 (0)	0 (0)
	pleural fluid		0 (0)	0 (0)	1 (4)	0 (0)

TABLE I1

ORGAN WEIGHT, ABSOLUTE : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 REPORT TYPE : A1
 SEX : MALE
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
 SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	Body Weight	THYMUS		ADRENALS		TESTES		HEART		LUNGS	
Control	25	26.3 ± 1.8	0.056 ±	0.019	0.012 ±	0.002	0.261 ±	0.029	0.175 ±	0.016	0.160 ±	0.012
2 mg/m3	24	27.3 ± 1.9	0.054 ±	0.012	0.012 ±	0.003	0.253 ±	0.039	0.175 ±	0.014	0.178 ±	0.018**
8 mg/m3	25	27.8 ± 1.8*	0.054 ±	0.012	0.012 ±	0.003	0.264 ±	0.020	0.181 ±	0.024	0.180 ±	0.023**
32 mg/m3	25	27.6 ± 2.0	0.056 ±	0.013	0.014 ±	0.004	0.266 ±	0.024	0.177 ±	0.017	0.191 ±	0.020**

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Dunnett

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : MALE
 UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
 SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	KIDNEYS		SPLEEN		LIVER		BRAIN	
Control	25	0.544±	0.045	0.066±	0.015	1.170±	0.090	0.472±	0.013
2 mg/m3	24	0.565±	0.043	0.065±	0.010	1.244±	0.110	0.479±	0.011
8 mg/m3	25	0.573±	0.053	0.085±	0.086	1.297±	0.121**	0.476±	0.016
32 mg/m3	25	0.577±	0.042	0.102±	0.096	1.282±	0.121**	0.483±	0.016

Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Dunnett

TABLE 12

ORGAN WEIGHT, ABSOLUTE : FEMALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jc1
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	Body Weight	THYMUS		ADRENALS		OVARIES		HEART		LUNGS	
Control	24	21.4 ± 1.1	0.049 ±	0.013	0.014 ±	0.003	0.030 ±	0.006	0.145 ±	0.011	0.160 ±	0.010
2 mg/m3	25	22.0 ± 1.4	0.054 ±	0.022	0.015 ±	0.003	0.040 ±	0.013**	0.149 ±	0.012	0.176 ±	0.021**
8 mg/m3	24	22.3 ± 1.4	0.054 ±	0.011	0.015 ±	0.002	0.037 ±	0.007**	0.143 ±	0.010	0.173 ±	0.016**
32 mg/m3	23	22.0 ± 1.4	0.054 ±	0.014	0.015 ±	0.004	0.038 ±	0.007**	0.141 ±	0.011	0.177 ±	0.020**

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Dunnett

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
REPORT TYPE : A1
SEX : FEMALE
UNIT: g

ORGAN WEIGHT:ABSOLUTE (SUMMARY)
SURVIVAL ANIMALS (27W)

PAGE : 4

Group Name	NO. of Animals	KIDNEYS		SPLEEN		LIVER		BRAIN	
Control	24	0.410±	0.027	0.080±	0.012	1.009±	0.078	0.496±	0.015
2 mg/m3	25	0.431±	0.128	0.087±	0.016	1.071±	0.104	0.502±	0.014
8 mg/m3	24	0.418±	0.029	0.087±	0.016	1.103±	0.093**	0.504±	0.022
32 mg/m3	23	0.407±	0.028	0.081±	0.013	1.071±	0.090	0.498±	0.018

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL040)

BAIS 6

TABLE J1

ORGAN WEIGHT, RELATIVE : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : MALE
 UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
 SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	TESTES	HEART	LUNGS
Control	25	26.3 ± 1.8	0.211 ± 0.069	0.045 ± 0.009	0.995 ± 0.130	0.664 ± 0.053	0.608 ± 0.042
2 mg/m3	24	27.3 ± 1.9	0.196 ± 0.040	0.043 ± 0.011	0.933 ± 0.161	0.645 ± 0.051	0.654 ± 0.055*
8 mg/m3	25	27.8 ± 1.8*	0.193 ± 0.043	0.044 ± 0.011	0.953 ± 0.093	0.649 ± 0.076	0.645 ± 0.066
32 mg/m3	25	27.6 ± 2.0	0.201 ± 0.036	0.049 ± 0.014	0.971 ± 0.099	0.645 ± 0.058	0.696 ± 0.071**

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Dunnett

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
REPORT TYPE : A1
SEX : MALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (27W)

PAGE : 2

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	25	2.068 ± 0.138	0.250 ± 0.057	4.442 ± 0.154	1.799 ± 0.106
2 mg/m3	24	2.074 ± 0.114	0.238 ± 0.039	4.566 ± 0.277	1.765 ± 0.115
8 mg/m3	25	2.063 ± 0.165	0.304 ± 0.295	4.661 ± 0.285**	1.715 ± 0.105
32 mg/m3	25	2.102 ± 0.172	0.375 ± 0.370	4.655 ± 0.324**	1.760 ± 0.121

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Dunnett

(HCL042)

BAIS 6

TABLE J2

ORGAN WEIGHT, RELATIVE : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE
 UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
 SURVIVAL ANIMALS (27W)

Group Name	NO. of Animals	Body Weight (g)	THYMUS	ADRENALS	OVARIES	HEART	LUNGS
Control	24	21.4 ± 1.1	0.230 ± 0.061	0.064 ± 0.014	0.141 ± 0.025	0.679 ± 0.037	0.749 ± 0.041
2 mg/m3	25	22.0 ± 1.4	0.248 ± 0.103	0.068 ± 0.013	0.179 ± 0.054**	0.677 ± 0.054	0.799 ± 0.088*
8 mg/m3	24	22.3 ± 1.4	0.240 ± 0.046	0.068 ± 0.010	0.165 ± 0.030*	0.641 ± 0.044**	0.775 ± 0.054
32 mg/m3	23	22.0 ± 1.4	0.245 ± 0.068	0.070 ± 0.016	0.173 ± 0.030**	0.641 ± 0.038**	0.808 ± 0.079**

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$ Test of Dunnett

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@JcI
REPORT TYPE : A1
SEX : FEMALE
UNIT: %

ORGAN WEIGHT:RELATIVE (SUMMARY)
SURVIVAL ANIMALS (27W)

PAGE : 4

Group Name	NO. of Animals	KIDNEYS	SPLEEN	LIVER	BRAIN
Control	24	1.920 ± 0.096	0.375 ± 0.052	4.722 ± 0.206	2.325 ± 0.098
2 mg/m3	25	1.953 ± 0.528	0.394 ± 0.073	4.866 ± 0.353*	2.285 ± 0.130
8 mg/m3	24	1.871 ± 0.110	0.387 ± 0.060	4.935 ± 0.243*	2.262 ± 0.129
32 mg/m3	23	1.855 ± 0.106	0.368 ± 0.052	4.870 ± 0.202	2.272 ± 0.121

Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$

Test of Dunnett

(HCL042)

BAIS 6

TABLE K1

HISTOPATHOLOGICAL FINDINGS :

NEOPLASTIC LESIONS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of animals on Study	Control 25	2 mg/m3 25	8 mg/m3 25	32 mg/m3 25
{Integumentary system/appandage}						
subcutis	hemangioma		<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)	<25> 0 (0%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<25> 1 (4%)	<25> 4 (16%)	<25> 1 (4%)	<25> 4 (16%)
	bronchiolar-alveolar carcinoma		0 (0%)	0 (0%)	0 (0%)	1 (4%)
{Hematopoietic system}						
spleen	hemangioma		<25> 2 (8%)	<25> 1 (4%)	<25> 1 (4%)	<25> 1 (4%)
	hemangiosarcoma		0 (0%)	1 (4%)	1 (4%)	1 (4%)
{Digestive system}						
stomach	squamous cell papilloma		<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)	<25> 0 (0%)
liver	hepatocellular adenoma		<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)
pancreas	hemangioma		<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)
{Body cavities}						
peritoneum	hemangiosarcoma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

TABLE K2

HISTOPATHOLOGICAL FINDINGS :

NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@JcI
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of animals on Study	Control 25	2 mg/m3 25	8 mg/m3 25	32 mg/m3 25
{Integumentary system/appandage}						
subcutis	hemangioma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)
	hemangiosarcoma		1 (4%)	0 (0%)	0 (0%)	0 (0%)
{Respiratory system}						
lung	bronchiolar-alveolar adenoma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 2 (8%)
	bronchiolar-alveolar carcinoma		1 (4%)	1 (4%)	0 (0%)	0 (0%)
{Hematopoietic system}						
spleen	hemangioma		<25> 1 (4%)	<25> 2 (8%)	<25> 2 (8%)	<25> 0 (0%)
	hemangiosarcoma		0 (0%)	0 (0%)	0 (0%)	1 (4%)
{Urinary system}						
urin bladd	hemangioma		<25> 1 (4%)	<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)
{Reproductive system}						
uterus	hemangiosarcoma		<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)	<25> 0 (0%)
{Nervous system}						
brain	hemangiosarcoma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of animals on Study	Control 25	2 mg/m3 25	8 mg/m3 25	32 mg/m3 25
{Special sense organs/appendage}						
Harder gl	adenoma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)
{Body cavities}						
pleura	hemangiosarcoma		<25> 1 (4%)	<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)
mediastinum	hemangiosarcoma		<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)	<25> 0 (0%)
peritoneum	leiomyosarcoma		<25> 0 (0%)	<25> 0 (0%)	<25> 0 (0%)	<25> 1 (4%)

< a > a : Number of animals examined at the site
 b (c) b : Number of animals with neoplasm c : b / a * 100

TABLE L1

NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS : MALE

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jc1
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	4/25 (16.0)	1/25 (4.0)	4/25 (16.0)
Adjusted rates(b)	4.00	16.00	4.00	16.00
Terminal rates(c)	1/25 (4.0)	3/24 (12.5)	1/25 (4.0)	4/25 (16.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1592			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3082			
Fisher Exact test(e)		P = 0.1743	P = 0.7551	P = 0.1743
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma,bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	4/25 (16.0)	1/25 (4.0)	5/25 (20.0)
Adjusted rates(b)	4.00	16.00	4.00	20.00
Terminal rates(c)	1/25 (4.0)	3/24 (12.5)	1/25 (4.0)	5/25 (20.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0736			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.1296			
Fisher Exact test(e)		P = 0.1743	P = 0.7551	P = 0.0947
SITE : spleen				
TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/25 (8.0)	1/25 (4.0)	1/25 (4.0)	1/25 (4.0)
Adjusted rates(b)	8.00	4.17	4.00	4.00
Terminal rates(c)	2/25 (8.0)	1/24 (4.2)	1/25 (4.0)	1/25 (4.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.6177			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.7057			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.5000

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : spleen				
TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	2/25 (8.0)	2/25 (8.0)	2/25 (8.0)	2/25 (8.0)
Adjusted rates(b)	8.00	4.17	8.00	8.00
Terminal rates(c)	2/25 (8.0)	1/24 (4.2)	2/25 (8.0)	2/25 (8.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4891			
Prevalence method(d)	P = 0.3861			
Combined analysis(d)	P = 0.4834			
Cochran-Armitage test(e)	P = 1.0000			
Fisher Exact test(e)		P = 0.6954	P = 0.6954	P = 0.6954

(HPT360A)

BAIS6

- (a): Number of tumor-bearing animals/number of animals examined at the site.
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.
 (c): Observed tumor incidence at terminal kill.
 (d): Beneath the control incidence are the P-values associated with the trend test.
 Standard method : Death analysis
 Prevalence method : Incidental tumor test
 Combined analysis : Death analysis + Incidental tumor test
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.
 ? : The conditional probabilities of the largest and smallest possible outcomes cannot be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C. : Statistical value cannot be calculated and was not significant.

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 SEX : MALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : ALL SITE				
TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/25 (8.0)	2/25 (8.0)	2/25 (8.0)	1/25 (4.0)
Adjusted rates(b)	8.00	8.33	8.00	4.00
Terminal rates(c)	2/25 (8.0)	2/24 (8.3)	2/25 (8.0)	1/25 (4.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7316			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5089			
Fisher Exact test(e)		P = 0.6954	P = 0.6954	P = 0.5000
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	0/25 (0.0)	1/25 (4.0)	1/25 (4.0)	2/25 (8.0)
Adjusted rates(b)	0.00	0.00	4.00	8.00
Terminal rates(c)	0/25 (0.0)	0/24 (0.0)	1/25 (4.0)	2/25 (8.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.4891			
Prevalence method(d)	P = 0.0517			
Combined analysis(d)	P = 0.1217			
Cochran-Armitage test(e)	P = 0.2005			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.2449

(HPT360A)

BAIS6

- (a): Number of tumor-bearing animals/number of animals examined at the site.
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.
 (c): Observed tumor incidence at terminal kill.
 (d): Beneath the control incidence are the P-values associated with the trend test.
 Standard method : Death analysis
 Prevalence method : Incidental tumor test
 Combined analysis : Death analysis + Incidental tumor test
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.
 ? : The conditional probabilities of the largest and smallest possible outcomes can not be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C.: Statistical value cannot be calculated and was not significant.

TABLE L2

NEOPLASTIC LESIONS-INCIDENCE AND
STATISTICAL ANALYSIS : FEMALE

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma				
Tumor rate				
Overall rates(a)	0/25 (0.0)	0/25 (0.0)	0/25 (0.0)	2/25 (8.0)
Adjusted rates(b)	0.00	0.00	0.00	8.70
Terminal rates(c)	0/24 (0.0)	0/25 (0.0)	0/24 (0.0)	2/23 (8.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.0131* ?			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.0161*			
Fisher Exact test(e)		P = N. C.	P = N. C.	P = 0.2449
SITE : lung				
TUMOR : bronchiolar-alveolar adenoma, bronchiolar-alveolar carcinoma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	1/25 (4.0)	0/25 (0.0)	2/25 (8.0)
Adjusted rates(b)	4.17	4.00	0.00	8.70
Terminal rates(c)	1/24 (4.2)	1/25 (4.0)	0/24 (0.0)	2/23 (8.7)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.1650			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.3370			
Fisher Exact test(e)		P = 0.7551	P = 0.5000	P = 0.5000
SITE : spleen				
TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	2/25 (8.0)	2/25 (8.0)	0/25 (0.0)
Adjusted rates(b)	4.17	8.00	8.33	0.00
Terminal rates(c)	1/24 (4.2)	2/25 (8.0)	2/24 (8.3)	0/23 (0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.8705			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.2424			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.5000

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : spleen				
TUMOR : hemangioma, hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	2/25 (8.0)	2/25 (8.0)	1/25 (4.0)
Adjusted rates(b)	4.17	8.00	8.33	0.00
Terminal rates(c)	1/24 (4.2)	2/25 (8.0)	2/24 (8.3)	0/23 (0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1578			
Prevalence method(d)	P = 0.8705			
Combined analysis(d)	P = 0.5894			
Cochran-Armitage test(e)	P = 0.7166			
Fisher Exact test(e)		P = 0.5000	P = 0.5000	P = 0.7551

(HPT360A)

BAIS6

- (a): Number of tumor-bearing animals/number of animals examined at the site.
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.
 (c): Observed tumor incidence at terminal kill.
 (d): Beneath the control incidence are the P-values associated with the trend test.
 Standard method : Death analysis
 Prevalence method : Incidental tumor test
 Combined analysis : Death analysis + Incidental tumor test
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.
 ? : The conditional probabilities of the largest and smallest possible outcomes cannot be estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C. : Statistical value cannot be calculated and was not significant.

STUDY No. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 SEX : FEMALE

NEOPLASTIC LESIONS-INCIDENCE AND STATISTICAL ANALYSIS

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
SITE : ALL SITE				
TUMOR : hemangioma				
Tumor rate				
Overall rates(a)	2/25 (8.0)	2/25 (8.0)	2/25 (8.0)	1/25 (4.0)
Adjusted rates(b)	8.33	8.00	8.33	4.35
Terminal rates(c)	2/24 (8.3)	2/25 (8.0)	2/24 (8.3)	1/23 (4.3)
Statistical analysis				
Peto test				
Standard method(d)	P = -----			
Prevalence method(d)	P = 0.7035			
Combined analysis(d)	P = -----			
Cochran-Armitage test(e)	P = 0.5089			
Fisher Exact test(e)		P = 0.6954	P = 0.6954	P = 0.5000
SITE : ALL SITE				
TUMOR : hemangiosarcoma				
Tumor rate				
Overall rates(a)	1/25 (4.0)	1/25 (4.0)	1/25 (4.0)	2/25 (8.0)
Adjusted rates(b)	0.00	4.00	0.00	0.00
Terminal rates(c)	0/24 (0.0)	1/25 (4.0)	0/24 (0.0)	0/23 (0.0)
Statistical analysis				
Peto test				
Standard method(d)	P = 0.1256			
Prevalence method(d)	P = 0.4810			
Combined analysis(d)	P = 0.2094			
Cochran-Armitage test(e)	P = 0.4394			
Fisher Exact test(e)		P = 0.7551	P = 0.7551	P = 0.5000

(HPT360A)

BAIS6

- (a): Number of tumor-bearing animals/number of animals examined at the site.
 (b): Kaplan-Meier estimated tumor incidence at the end of the study after adjusting for intercurrent mortality.
 (c): Observed tumor incidence at terminal kill.
 (d): Beneath the control incidence are the P-values associated with the trend test.
 Standard method : Death analysis
 Prevalence method : Incidental tumor test
 Combined analysis : Death analysis + Incidental tumor test
 (e): The Cochran-Armitage and Fisher exact test compare directly the overall incidence rates.
 ? : The conditional probabilities of the largest and smallest possible out comes can not estimated or this P-value is beyond the estimated P-value.
 ----- : There is no data which should be statistical analysis.
 Significant difference : * : $P \leq 0.05$ ** : $P \leq 0.01$
 N.C.:Statistical value cannot be calculated and was not significant.

TABLE M1

NUMBER OF ANIMALS WITH TUMORS AND
NUMBER OF TUMORS-TIME RELATED : MALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
REPORT TYPE : A1
SEX : MALE

NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED

Time-related Weeks	Items	Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
0 - 26	NO. OF EXAMINED ANIMALS		0	1	0	0
	NO. OF ANIMALS WITH TUMORS		0	1	0	0
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	0	0
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	1	0	0
	NO. OF BENIGN TUMORS		0	1	0	0
	NO. OF MALIGNANT TUMORS		0	1	0	0
	NO. OF TOTAL TUMORS		0	2	0	0
27 - 27	NO. OF EXAMINED ANIMALS		25	24	25	25
	NO. OF ANIMALS WITH TUMORS		3	6	5	8
	NO. OF ANIMALS WITH SINGLE TUMORS		3	6	5	8
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		3	6	4	5
	NO. OF MALIGNANT TUMORS		0	0	1	3
	NO. OF TOTAL TUMORS		3	6	5	8
0 - 27	NO. OF EXAMINED ANIMALS		25	25	25	25
	NO. OF ANIMALS WITH TUMORS		3	7	5	8
	NO. OF ANIMALS WITH SINGLE TUMORS		3	6	5	8
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	1	0	0
	NO. OF BENIGN TUMORS		3	7	4	5
	NO. OF MALIGNANT TUMORS		0	1	1	3
	NO. OF TOTAL TUMORS		3	8	5	8

TABLE M2

NUMBER OF ANIMALS WITH TUMORS AND
NUMBER OF TUMORS-TIME RELATED : FEMALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
REPORT TYPE : A1
SEX : FEMALE

NUMBER OF ANIMALS WITH TUMORS AND NUMBER OF TUMORS - TIME RELATED

Time-related Weeks	Items	Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
0 - 26	NO. OF EXAMINED ANIMALS		1	0	1	2
	NO. OF ANIMALS WITH TUMORS		1	0	1	2
	NO. OF ANIMALS WITH SINGLE TUMORS		0	0	1	2
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	0	0	0
	NO. OF BENIGN TUMORS		0	0	0	0
	NO. OF MALIGNANT TUMORS		2	0	1	2
	NO. OF TOTAL TUMORS		2	0	1	2
27 - 27	NO. OF EXAMINED ANIMALS		24	25	24	23
	NO. OF ANIMALS WITH TUMORS		3	4	2	5
	NO. OF ANIMALS WITH SINGLE TUMORS		3	4	2	5
	NO. OF ANIMALS WITH MULTIPLE TUMORS		0	0	0	0
	NO. OF BENIGN TUMORS		2	2	2	4
	NO. OF MALIGNANT TUMORS		1	2	0	1
	NO. OF TOTAL TUMORS		3	4	2	5
0 - 27	NO. OF EXAMINED ANIMALS		25	25	25	25
	NO. OF ANIMALS WITH TUMORS		4	4	3	7
	NO. OF ANIMALS WITH SINGLE TUMORS		3	4	3	7
	NO. OF ANIMALS WITH MULTIPLE TUMORS		1	0	0	0
	NO. OF BENIGN TUMORS		2	2	2	4
	NO. OF MALIGNANT TUMORS		3	2	1	3
	NO. OF TOTAL TUMORS		5	4	3	7

TABLE N

HISTOPATHOLOGICAL FINDINGS :
METASTASIS OF TUMOR : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS : METASTASIS OF TUMOR (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of Animals on Study	Control 25	2 mg/m3 25	8 mg/m3 25	32 mg/m3 25
[Respiratory system]						
lung	metastasis:mediastinum tumor		<25> 0	<25> 0	<25> 1	<25> 0
[Musculoskeletal system]						
muscle	metastasis:subcutis tumor		<25> 1	<25> 0	<25> 0	<25> 0
bone	metastasis:brain tumor		<25> 0	<25> 0	<25> 0	<25> 1
< a >	a : Number of animals examined at the site					
b	b : Number of animals with lesion					

TABLE 01

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : MALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control 25				2 mg/m3 25				8 mg/m3 25				32 mg/m3 25			
		1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Respiratory system]																	
nasal cavit																	
	exudate	<25>				<25>				<25>				<25>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	3 (12)	0 (0)	0 (0)	0 (0)
	eosinophilic change:olfactory epithelium	13 (52)	0 (0)	0 (0)	0 (0)	9 (36)	0 (0)	0 (0)	0 (0)	18 (72)	0 (0)	0 (0)	0 (0)	15 (60)	0 (0)	0 (0)	0 (0)
	eosinophilic change:respiratory epithelium	19 (76)	0 (0)	0 (0)	0 (0)	13 (52)	0 (0)	0 (0)	0 (0)	23 (92)	0 (0)	0 (0)	0 (0)	23 (92)	0 (0)	0 (0)	0 (0)
	respiratory metaplasia:gland	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)
	respiratory metaplasia:nasal gland	25 (100)	0 (0)	0 (0)	0 (0)	15 (60)	0 (0)	0 (0)	0 (0)	21 (84)	0 (0)	0 (0)	0 (0)	24 (96)	0 (0)	0 (0)	0 (0)
lung																	
	inflammatory cell infiltration:focal	<25>				<25>				<25>				<25>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	0 (0)
	deposit of particle	0 (0)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)
[Hematopoietic system]																	
lymph node																	
	deposit of particle:mediastinum	<25>				<25>				<25>				<25>			
		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	13 (52)	0 (0)	0 (0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control				2 mg/m3				8 mg/m3				32 mg/m3			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
Grade		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Hematopoietic system]																	
spleen																	
	deposit of melanin	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)	3 (12)	0 (0)	0 (0)	0 (0)
	extramedullary hematopoiesis	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)
[Digestive system]																	
stomach																	
	hyperplasia:forestomach	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	hyperplasia:glandular stomach	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
liver																	
	angiectasis	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)
	necrosis:focal	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)	2 (8)	0 (0)	0 (0)	0 (0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of Animals on Study Grade	Control 25				2 mg/m3 25				8 mg/m3 25				32 mg/m3 25			
			1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Digestive system]																		
liver	fatty change:central		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	focus of cellular alteration		0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	
pancreas	hemorrhage		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
[Urinary system]																		
kidney	regeneration:proximal tubule		<25>				<25>				<25>				<25>			
			1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
urin bladd	simple hyperplasia:transitional epithelium		<25>				<25>				<25>				<25>			
			1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
[Endocrine system]																		
pituitary	cystic degeneration:anterior lobe		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : MALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of Animals on Study Grade	Control 25				2 mg/m3 25				8 mg/m3 25				32 mg/m3 25			
			1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Endocrine system]																		
parathyroid	cyst		<25>				<25>				<25>				<25>			
			2 (8)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
adrenal	spindle-cell hyperplasia		<25>				<25>				<25>				<25>			
			21 (84)	0 (0)	0 (0)	0 (0)	18 (72)	0 (0)	0 (0)	0 (0)	0 (0)	20 (80)	0 (0)	0 (0)	0 (0)	0 (0)	22 (88)	0 (0)
[Reproductive system]																		
testis	tubular atrophy		<25>				<25>				<25>				<25>			
			0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
epididymis	inflammatory infiltration		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	debris of spermatic elements		1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
[Musculoskeletal system]																		
cartilage	necrosis:focal		<25>				<25>				<25>				<25>			
			1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference ; * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

TABLE 02

HISTOPATHOLOGICAL FINDINGS :
NON-NEOPLASTIC LESIONS : FEMALE

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control 25				2 mg/m3 25				8 mg/m3 25				32 mg/m3 25				
		Grade	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Respiratory system]																		
nasal cavit																		
	exudate		<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	1	0	0	0	2	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(8)	(0)	(0)	(0)	
	eosinophilic change:olfactory epithelium	16	0	0	0	14	0	0	0	16	0	0	0	19	0	0	0	
		(64)	(0)	(0)	(0)	(56)	(0)	(0)	(0)	(64)	(0)	(0)	(0)	(76)	(0)	(0)	(0)	
	eosinophilic change:respiratory epithelium	21	0	0	0	22	0	0	0	23	0	0	0	25	0	0	0	
		(84)	(0)	(0)	(0)	(88)	(0)	(0)	(0)	(92)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	
	squamous cell metaplasia:respiratory epithelium	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	
	respiratory metaplasia:nasal gland	23	0	0	0	25	0	0	0	23	0	0	0	24	0	0	0	
		(92)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(92)	(0)	(0)	(0)	(96)	(0)	(0)	(0)	
lung																		
	inflammatory cell infiltration:focal		<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	0	0	0	0	25	0	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	
	deposit of particle	0	0	0	0	25	0	0	0	0	25	0	0	0	0	25	0	
		(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(0)	(100)	(0)	
[Hematopoietic system]																		
lymph node																		
	deposit of particle:mediastinum		<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	0	0	0	0	0	8	0	0	
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(32)	(0)	(0)	

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control				2 mg/m3				8 mg/m3				32 mg/m3			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
Grade		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Hematopoietic system]																	
spleen	deposit of melanin	6 (24)	0 (0)	0 (0)	0 (0)	3 (12)	0 (0)	0 (0)	0 (0)	6 (24)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)
	extramedullary hematopoiesis	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
[Digestive system]																	
stomach	erosion:forestomach	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
liver	angiectasis	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)
	necrosis:focal	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)
	focus of cellular alteration	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Group Name No. of Animals on Study Grade	Control 25				2 mg/m3 25				8 mg/m3 25				32 mg/m3 25			
			1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)	1+ (%)	2+ (%)	3+ (%)	4+ (%)
[Urinary system]																		
kidney	hydronephrosis		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
[Endocrine system]																		
pituitary	Rathke pouch		<25>				<25>				<25>				<25>			
			1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
thyroid	ultimobranchial body remanet		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	
parathyroid	cyst		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	
adrenal	spindle-cell hyperplasia		<25>				<25>				<25>				<25>			
			25 (100)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	0 (0)	25 (100)	0 (0)	0 (0)	
[Reproductive system]																		
ovary	thrombus		<25>				<25>				<25>				<25>			
			0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (4)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control				2 mg/m3				8 mg/m3				32 mg/m3			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
Grade		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Reproductive system]																	
ovary	cyst	<25>				<25>				<25>				<25>			
		0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
uterus	cystic endometrial hyperplasia	<25>				<25>				<25>				<25>			
		25	0	0	0	24	0	0	0	25	0	0	0	25	0	0	0
		(100)	(0)	(0)	(0)	(96)	(0)	(0)	(0)	(100)	(0)	(0)	(0)	(100)	(0)	(0)	(0)
	vascular anomaly	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
		(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)
[Nervous system]																	
periph nerv	cyst	<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)
[Musculoskeletal system]																	
cartilage	necrosis:focal	<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

STUDY NO. : 0887
 ANIMAL : Jic:CB6F1-Tg rash2@Jcl
 REPORT TYPE : A1
 SEX : FEMALE

HISTOPATHOLOGICAL FINDINGS :NON-NEOPLASTIC LESIONS (SUMMARY)
 ALL ANIMALS (0- 27W)

Organ	Findings	Control				2 mg/m3				8 mg/m3				32 mg/m3			
		No. of Animals on Study				No. of Animals on Study				No. of Animals on Study				No. of Animals on Study			
Grade		1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+	1+	2+	3+	4+
		(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)	(%)
[Body cavities]																	
peritoneum	cyst	<25>				<25>				<25>				<25>			
		0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
		(0)	(0)	(0)	(0)	(0)	(0)	(0)	(0)	(4)	(0)	(0)	(0)	(0)	(0)	(0)	(0)

Grade 1+ : Slight 2+ : Moderate 3+ : Marked 4+ : Severe
 < a > a : Number of animals examined at the site
 b : Number of animals with lesion
 (c) c : b / a * 100
 Significant difference : * : P ≤ 0.05 ** : P ≤ 0.01 Test of Chi Square

TABLE P1

CAUSE OF DEATH : MALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rasH2@Jcl
SEX : MALE

COUSE OF DEATH (SUMMARY)
(0- 27W)

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
Number of Dead and Moribund Animal	0	1	0	0
tumor d:spleen	0	1	0	0

(B10120)

BAIS6

TABLE P2

CAUSE OF DEATH : FEMALE

STUDY NO. : 0887
ANIMAL : Jic:CB6F1-Tg rash2@Jcl
SEX : FEMALE

COUSE OF DEATH (SUMMARY)
(0- 27W)

Group Name	Control	2 mg/m3	8 mg/m3	32 mg/m3
Number of Dead and Moribund Animal	1	0	1	2
tumor d:spleen	0	0	0	1
tumor d:brain	0	0	0	1
tumor d:pleura	1	0	0	0
tumor d:mediastinum	0	0	1	0

(B10120)