5-1-3　2 段階希釈（水溶性被験物質）

段階希釈した溶液から、40 μl を取り出し、アッセイブロックの中の B 培地 960 μl に加える。（25 倍に希釈される、図 5）

図 5

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	Distilled water 50ul	Distilled water 50ul	NaBr03 0.2 mg/ml in distilled water 100ul	NaBr03 0.4 mg/ml in distilled water 50ul	NaBr03 0.8 mg/ml in distilled water 50ul	NaBr03 1.6 mg/ml in distilled water 50ul	NaBr03 3.1 mg/ml in distilled water 50ul	NaBr03 6.3 mg/ml in distilled water 50ul	NaBr03 13 mg/ml in distilled water 50ul	NaBr03 25 mg/ml in distilled water 50ul	NaBr03 50 mg/ml in distilled water 50ul	NaBr03 100 mg/ml in distilled water 50ul
B												
C												
D												
E												
F												
G												
H												

40ul

Assay B bck	1	2	3	4	5	6	7	8	9	10	11	12
A	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul	B medium 960ul
B												
C												
D												
E												
F												
G												
H												

5-1-4　細胞への添加（水溶性被験物質）

50 μl にセッティングしたピペットを用いて泡立たないように注意して 20 回ピペッティング後、#2H4 細胞、THP-G8 細胞、TGCHAC-A4 細胞の入ったプレートの上半分に 50 μl 加える。（2 倍に希釈される、図 6）

$NiSO_4$ についても **5-1-1** から **5-1-4** を同様に繰り返し 3 枚のプレートの下半分に添加する。（図 7）終了後、プレートシェーカーを使用し、撹拌して混合する。細胞をインキュベーターへ入れ、1 時間反応させる。

図 6

Assay Block	1	2	3	4	5	6	7	8	9	10	11	12
A	B medium 1000ul	B medium 1000ul	NaBr03 or NSO4 0.008 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.02 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.03 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.06 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.1 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.3 mg/ml in B medium 1000ul	NaBr03 or NSO4 0.5 mg/ml in B medium 1000ul	NaBr03 or NSO4 1 mg/ml in B medium 1000ul	NaBr03 or NSO4 2 mg/ml in B medium 1000ul	NaBr03 or NSO4 4 mg/ml in B medium 1000ul
B												
C												
D												
E												
F												
G												
H												

50ul

flat-bottom block	1	2	3	4	5	6	7	8	9	10	11	12
A	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
B	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
C	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
D	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
E	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
F	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
G	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
H	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul

flat-bottom block	1	2	3	4	5	6	7	8	9	10	11	12
A	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
B	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
C	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
D	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
E	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
F	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
G	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
H	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul

flat-bottom block	1	2	3	4	5	6	7	8	9	10	11	12
A	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
B	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
C	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
D	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
E	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
F	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
G	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
H	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul

図７　プレートにまき終わった状態（水溶性被験物質）

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 2 mg/ml #2H4 2x10^5 B medium 100ul
B	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 2 mg/ml #2H4 2x10^5 B medium 100ul
C	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 2 mg/ml #2H4 2x10^5 B medium 100ul
D	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 1 mg/ml #2H4 2x10^5 B medium 100ul	NaBrO3 2 mg/ml #2H4 2x10^5 B medium 100ul
E	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 2 mg/ml #2H4 2x10^5 B medium 100ul
F	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 2 mg/ml #2H4 2x10^5 B medium 100ul
G	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 2 mg/ml #2H4 2x10^5 B medium 100ul
H	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.004 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.008 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.02 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.03 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.06 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.3 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 0.5 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 1 mg/ml #2H4 2x10^5 B medium 100ul	NiSO4 2 mg/ml #2H4 2x10^5 B medium 100ul

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 2 mg/ml THP-G8 1x10^5 B medium 100ul
B	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 2 mg/ml THP-G8 1x10^5 B medium 100ul
C	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 2 mg/ml THP-G8 1x10^5 B medium 100ul
D	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 1 mg/ml THP-G8 1x10^5 B medium 100ul	NaBrO3 2 mg/ml THP-G8 1x10^5 B medium 100ul
E	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 2 mg/ml THP-G8 1x10^5 B medium 100ul
F	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 2 mg/ml THP-G8 1x10^5 B medium 100ul
G	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 2 mg/ml THP-G8 1x10^5 B medium 100ul
H	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 1 mg/ml THP-G8 1x10^5 B medium 100ul	NiSO4 2 mg/ml THP-G8 1x10^5 B medium 100ul

図 9（続き）プレートにまき終わった状態（水溶性被験物質）

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
B	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
C	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
D	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NaBrO3 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
E	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
F	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
G	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul
H	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.004 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.008 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.02 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.03 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.06 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.3 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 0.5 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 1 mg/ml TGCHAC-A4 1x10^5 B medium 100ul	NiSO4 2 mg/ml TGCHAC-A4 1x10^5 B medium 100ul

5-2 DMSO 溶性被験物質 (DP, 2-MBT) の調製

5-2-1　試薬の配置（DMSO 溶性被験物質）

調製した DP の 500 mg/ml DMSO 溶液 100 μl (#A12)、DMSO 50 μl (#A1-A11)、
B 培地 180 μl (#B1-B12)を下図のように 96 well clear plate (丸底)に分注する（図 8)。

5-2-2　段階希釈（DMSO 溶性被験物質）

矢印のように well#A11 から#A3 まで DMSO で公比 2 の段階希釈を 9 段階おこなう。
（50 μl ずつ左隣のウェルに移す、図 8)

図 8

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DMSO 100% 50ul	DP 500 mg/ml in DMSO 100ul
B	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul
C												
D												
E												
F												
G												
H												

2-fold dilution : transfer 50 ul (pipetman、yellow tip)

↓

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	DMSO 100% 50ul	DMSO 100% 50ul	DP 1.0 mg/ml in DMSO 100ul	DP 2.0 mg/ml in DMSO 50ul	DP 3.9 mg/ml in DMSO 50ul	DP 7.8 mg/ml in DMSO 50ul	DP 16 mg/ml in DMSO 50ul	DP 31 mg/ml in DMSO 50ul	DP 63 mg/ml in DMSO 50ul	DP 125 mg/ml in DMSO 50ul	DP 250 mg/ml in DMSO 50ul	DP 500 mg/ml in DMSO 50ul
B	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul
C												
D												
E												
F												
G												
H												

5-2-3　B 培地での希釈（DMSO 溶性被験物質）

矢印のように段階希釈した被試験試薬 DMSO 溶液 20 μl を 8 チャンネルもしくは 12 チャンネルピペットマンを使用して下の B 培地 180 μl にうつし 10 倍に希釈する。(10 倍に希釈される、図 9)

図 9

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	DMSO 100% 50ul	DMSO 100% 50ul	DP 1.0 mg/ml in DMSO 100ul	DP 2.0 mg/ml in DMSO 50ul	DP 3.9 mg/ml in DMSO 50ul	DP 7.8 mg/ml in DMSO 50ul	DP 16 mg/ml in DMSO 50ul	DP 31 mg/ml in DMSO 50ul	DP 63 mg/ml in DMSO 50ul	DP 125 mg/ml in DMSO 50ul	DP 250 mg/ml in DMSO 50ul	DP 500 mg/ml in DMSO 50ul
B	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul	B medium 180ul
C												
D												
E												
F												
G												
H												

20ul

↓

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	DMSO 100% 30ul	DMSO 100% 30ul	DP 1.0 mg/ml in DMSO 80ul	DP 2.0 mg/ml in DMSO 30ul	DP 3.9 mg/ml in DMSO 30ul	DP 7.8 mg/ml in DMSO 30ul	DP 16 mg/ml in DMSO 30ul	DP 31 mg/ml in DMSO 30ul	DP 63 mg/ml in DMSO 30ul	DP 125 mg/ml in DMSO 30ul	DP 250 mg/ml in DMSO 30ul	DP 500 mg/ml in DMSO 30ul
B	DP 0 mg/ml DMSO 10% in B medium 200ul	DP 0 mg/ml DMSO 10% in B medium 200ul	DP 0.10 mg/ml DMSO 10% in B medium 200ul	DP 0.20 mg/ml DMSO 10% in B medium 200ul	DP 0.39 mg/ml DMSO 10% in B medium 200ul	DP 0.78 mg/ml DMSO 10% in B medium 200ul	DP 1.6 mg/ml DMSO 10% in B medium 200ul	DP 3.1 mg/ml DMSO 10% in B medium 200ul	DP 6.3 mg/ml DMSO 10% in B medium 200ul	DP 12.5 mg/ml DMSO 10% in B medium 200ul	DP 25 mg/ml DMSO 10% in B medium 200ul	DP 50 mg/ml DMSO 10% in B medium 200ul
C												
D												
E												
F												
G												
H												

5-2-4　2 段階希釈（DMSO 溶性被験物質）

B 培地に希釈した溶液から、20 μl を取り出し、アッセイブロックの中の B 培地 980 μl に加える（50 倍に希釈される、図 10）。

図 10

round bottom clear	1	2	3	4	5	6	7	8	9	10	11	12
A	DMSO 100% 30ul	DMSO 100% 30ul	DP 1.0 mg/ml in DMSO 80ul	DP 2.0 mg/ml in DMSO 30ul	DP 3.9 mg/ml in DMSO 30ul	DP 7.8 mg/ml in DMSO 30ul	DP 16 mg/ml in DMSO 30ul	DP 31 mg/ml in DMSO 30ul	DP 63 mg/ml in DMSO 30ul	DP 125 mg/ml in DMSO 30ul	DP 250 mg/ml in DMSO 30ul	DP 500 mg/ml in DMSO 30ul
B	DP 0 mg/ml DMSO 10% in B medium 200ul	DP 0 mg/ml DMSO 10% in B medium 200ul	DP 0.10 mg/ml DMSO 10% in B medium 200ul	DP 0.20 mg/ml DMSO 10% in B medium 200ul	DP 0.39 mg/ml DMSO 10% in B medium 200ul	DP 0.78 mg/ml DMSO 10% in B medium 200ul	DP 1.6 mg/ml DMSO 10% in B medium 200ul	DP 3.1 mg/ml DMSO 10% in B medium 200ul	DP 6.3 mg/ml DMSO 10% in B medium 200ul	DP 12.5 mg/ml DMSO 10% in B medium 200ul	DP 25 mg/ml DMSO 10% in B medium 200ul	DP 50 mg/ml DMSO 10% in B medium 200ul
C												
D												
E												
F												
G												
H												

20ul

Assay B bck	1	2	3	4	5	6	7	8	9	10	11	12
A	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul	B medium 980ul
B												
C												
D												
E												
F												
G												
H												

5-2-5　細胞への添加（DMSO 溶性被験物質）

50 μl にセッティングしたピペットを用いて泡立たないように注意して 20 回ピペッティング後、#2H4 細胞、THP-G8 細胞、TGCHAC-A4 細胞の入ったプレートの上半分に 50 μl 加える（2 倍に希釈される、図 11）。5-2-3 から 5-2-5 にかけての操作は可及的迅速におこない、5-2-3 後、5-2-4 後の段階で長時間放置しないようにする。

2-MBT についても **5-2-1** から **5-2-5** を同様に繰り返し 3 枚のプレートの下半分に添加する。（図 12）終了後、プレートシェーカーを使用し、撹拌して混合する。細胞をインキュベーターへ入れ、1 時間反応させる。

図 11

Assay Block	1	2	3	4	5	6	7	8	9	10	11	12
A	DP 0ug/ml DMSO 0.2% in B medium 1000ul	DP 0ug/ml DMSO 0.2% in B medium 1000ul	DP 2.0ug/ml DMSO 0.2% in B medium 1000ul	DP 3.9ug/ml DMSO 0.2% in B medium 1000ul	DP 7.8ug/ml DMSO 0.2% in B medium 1000ul	DP 15.6ug/ml DMSO 0.2% in B medium 1000ul	DP 31.3ug/ml DMSO 0.2% in B medium 1000ul	DP 62.5ug/ml DMSO 0.2% in B medium 1000ul	DP 125ug/ml DMSO 0.2% in B medium 1000ul	DP 250ug/ml DMSO 0.2% in B medium 1000ul	DP 500ug/ml DMSO 0.2% in B medium 1000ul	DP 1000ug/ml DMSO 0.2% in B medium 1000ul
B												
C												
D												
E												
F												
G												
H												

50ul

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
B	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
C	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
D	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
E	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
F	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
G	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul
H	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul	#2H4 2x10^5 B medium 50ul

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
B	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
C	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
D	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
E	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
F	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
G	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul
H	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul	THP-G8 1x10^5 B medium 50ul

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
B	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
C	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
D	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
E	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
F	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
G	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul
H	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul	TGCHAC-A4 1x10^5 B medium 50ul

図 12　プレートにまき終わった状態（DMSO 溶性被験物質）

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
B	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
C	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
D	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
E	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
F	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
G	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul
H	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO #2H4 2x10^5 B medium 100ul

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
B	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
C	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
D	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
E	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
F	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
G	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul
H	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO THP-G8 1x10^5 B medium 100ul

図 12（続き）プレートにまき終わった状態（DMSO 溶性被験物質）

flat-bottom black	1	2	3	4	5	6	7	8	9	10	11	12
A	IPDI 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
B	IPDI 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
C	IPDI 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
D	IPDI 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	DP 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
E	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
F	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
G	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul
H	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 1.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 2.0ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 3.9ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 7.8ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 16ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 31ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 63ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 125ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 250ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul	2-MBT 500ug/ml 0.1% DMSO TGCHAC-A4 1x10^5 B medium 100ul