DRAWINGS

Fig. 1

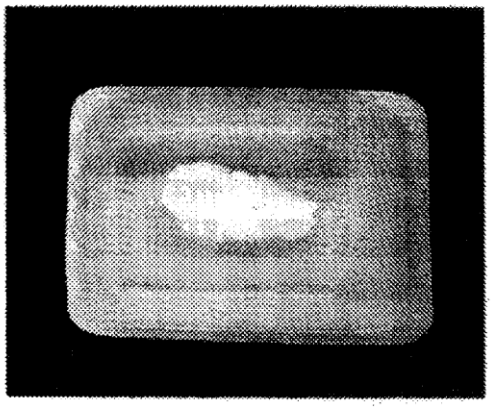


Fig. 2

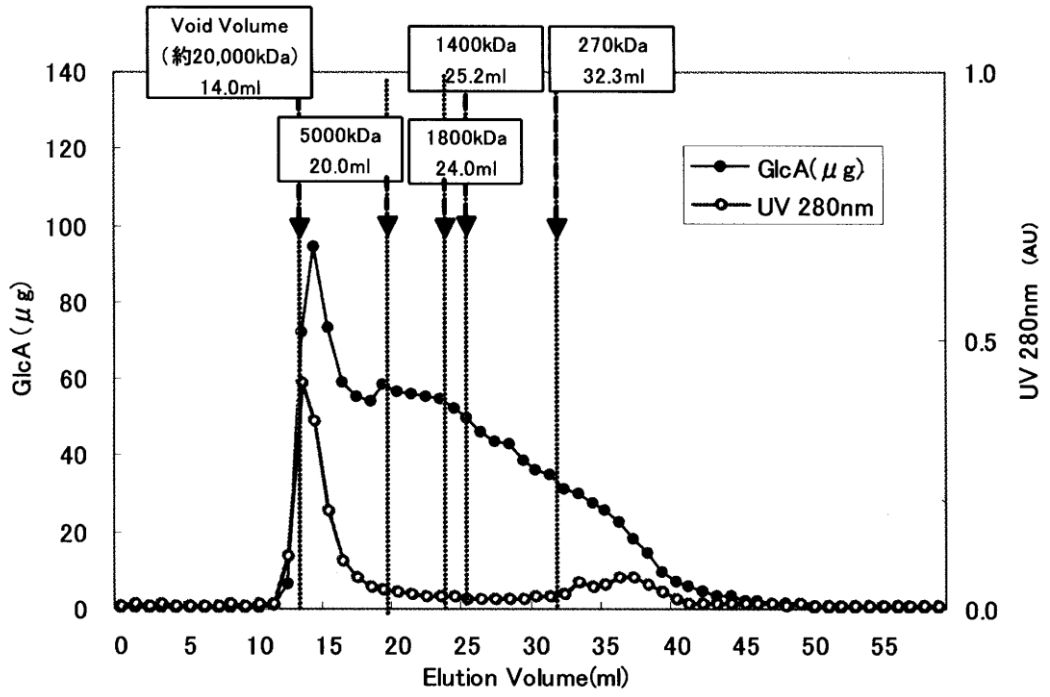


Fig. 3

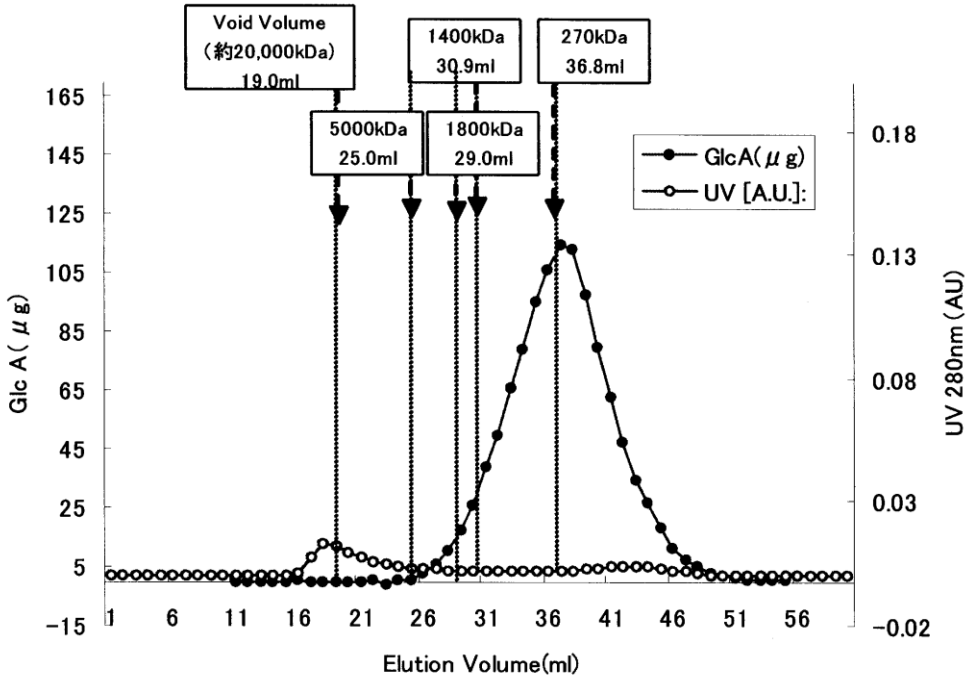

Void Volume
(約20,000kDa)
19.0ml
1400kDa
30.9ml
270kDa
36.8ml
5000kDa
25.0ml
1800kDa
29.0ml
GlcA(μg)
UV [A.U.]:
Glc A(μg)
UV 280nm (AU)
Elution Volume(ml)
165
145
125
105
85
65
45
25
5
-15
0.18
0.13
0.08
0.03
-0.02
1
6
11
16
21
26
31
36
41
46
51
56

Fig. 4

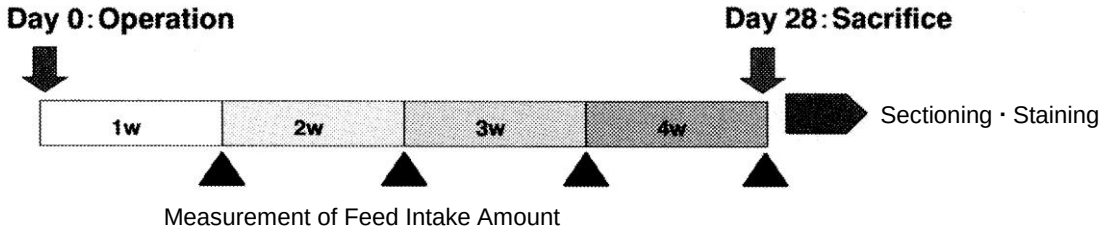

Day 0: Operation
Day 28: Sacrifice
1w
2w
3w
4w
Sectioning・Staining
Measurement of Feed Intake Amount

Fig. 5

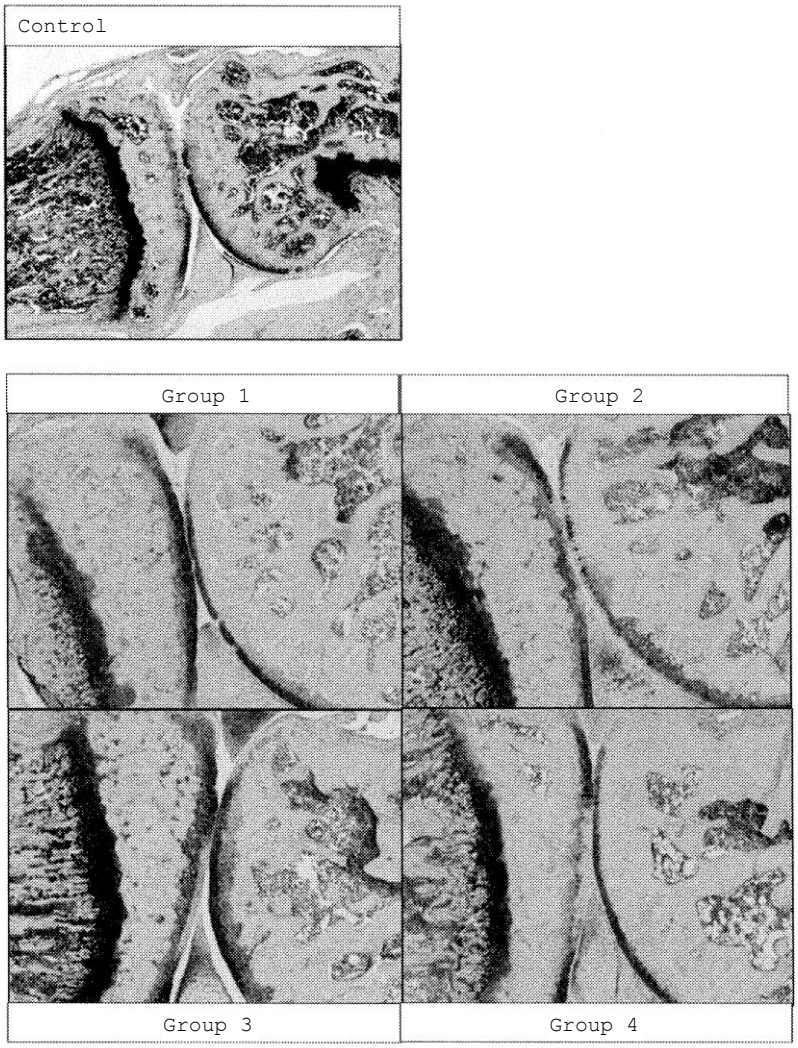


Fig. 6a

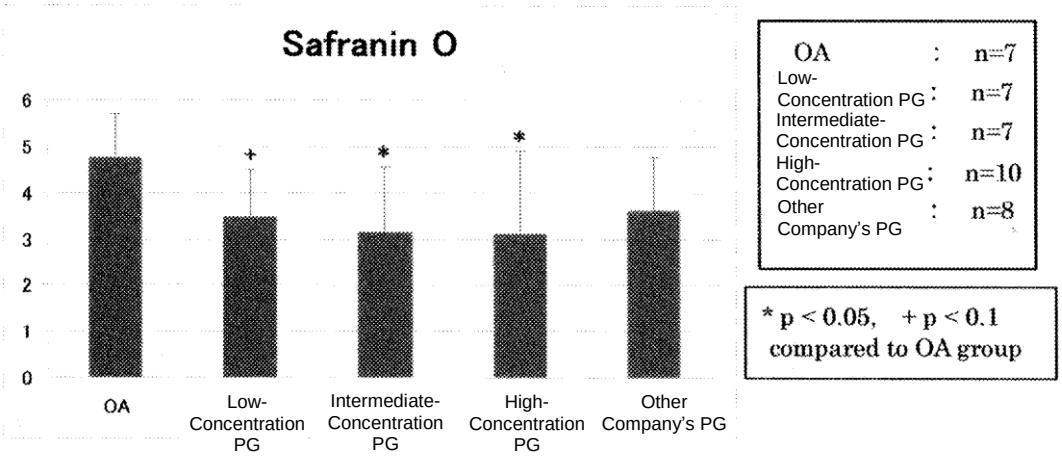

Safranin O
6
5
4
3
2
1
0
OA
Low-Concentration PG
Intermediate-Concentration PG
High-Concentration PG
Other Company's PG
OA : n=7
Low-Concentration PG : n=7
Intermediate-Concentration PG : n=7
High-Concentration PG : n=10
Other Company's PG : n=8
* p < 0.05, + p < 0.1 compared to OA group

Fig. 6b

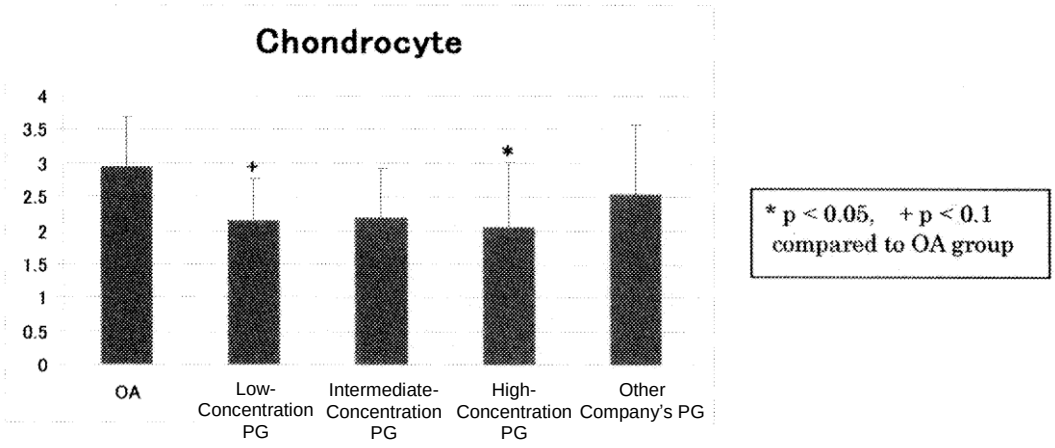

Chondrocyte
4
3.5
3
2.5
2
1.5
1
0.5
0
OA
Low-Concentration PG
Intermediate-Concentration PG
High-Concentration PG
Other Company's PG
* p < 0.05, + p < 0.1 compared to OA group

Fig. 6c

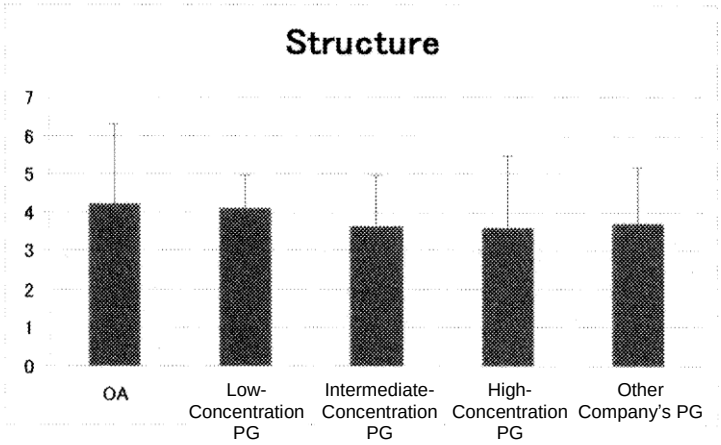
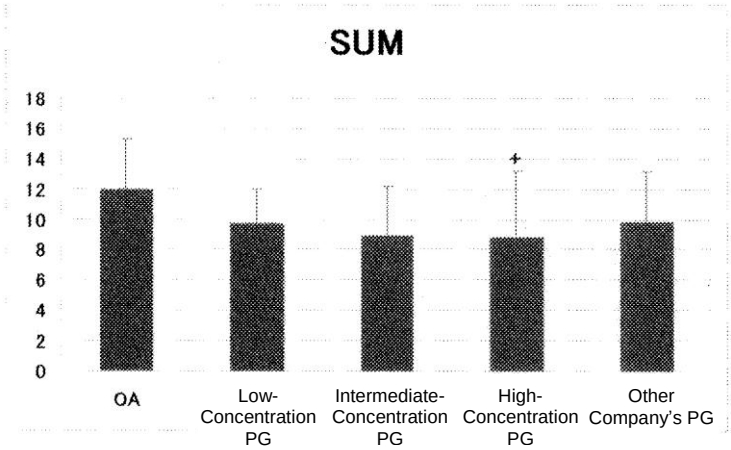


Fig. 6d



+ $p < 0.1$
compared to OA group