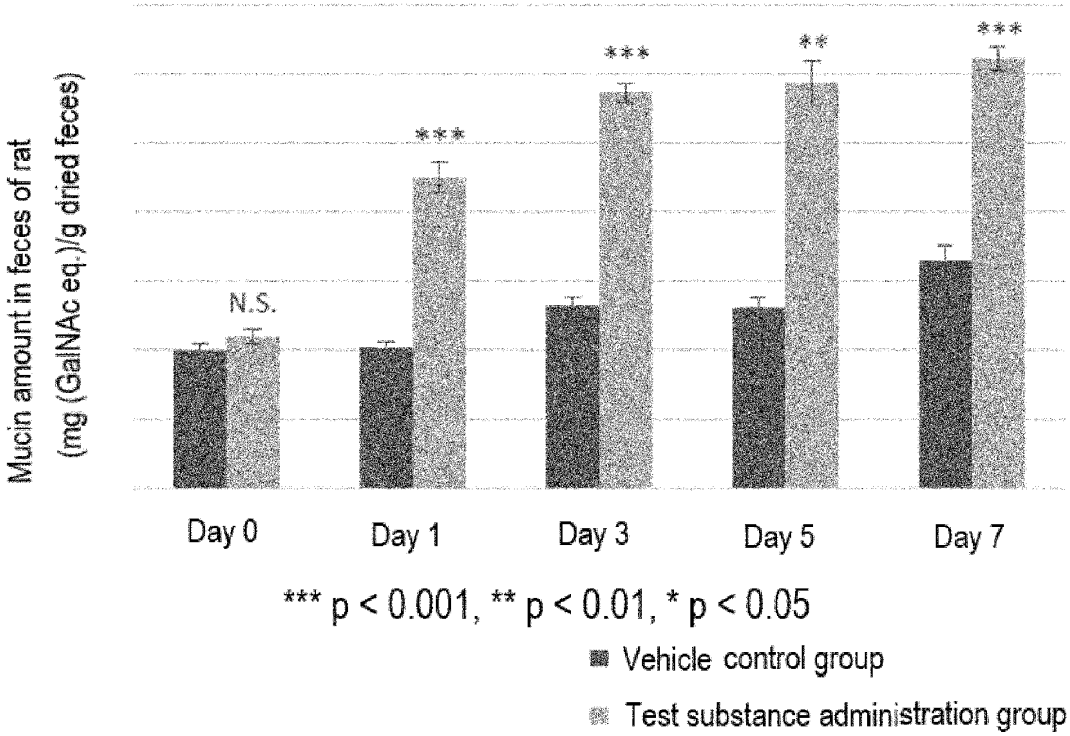
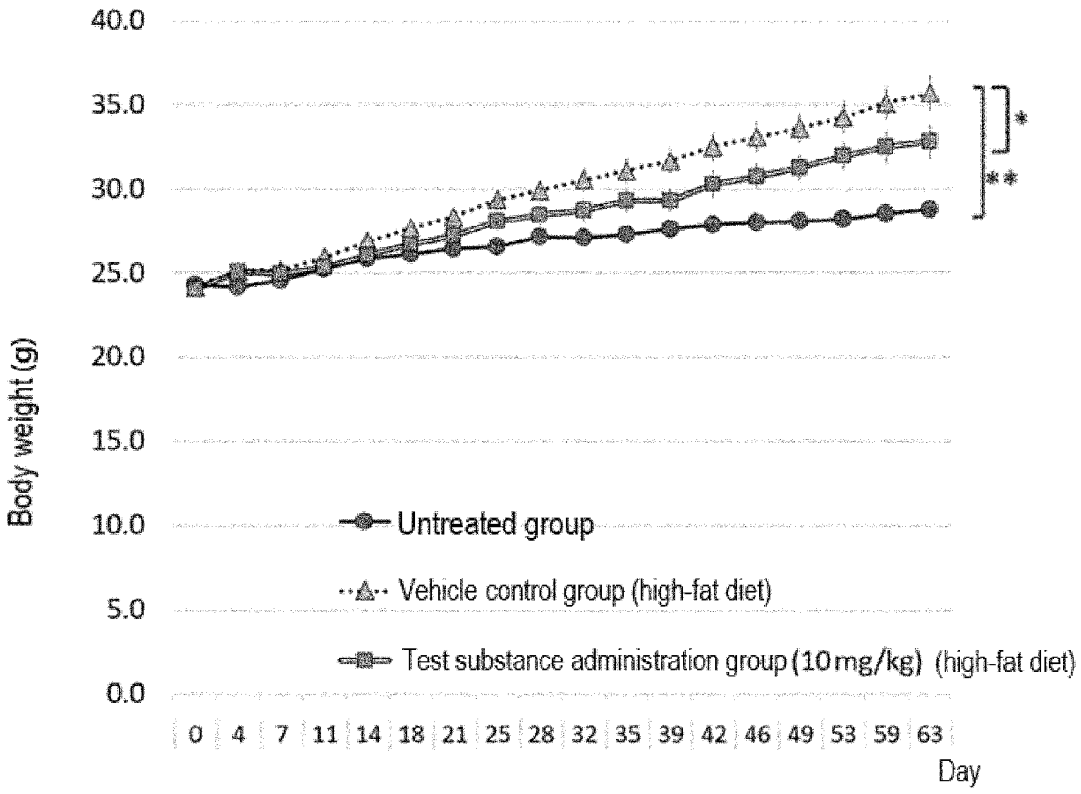
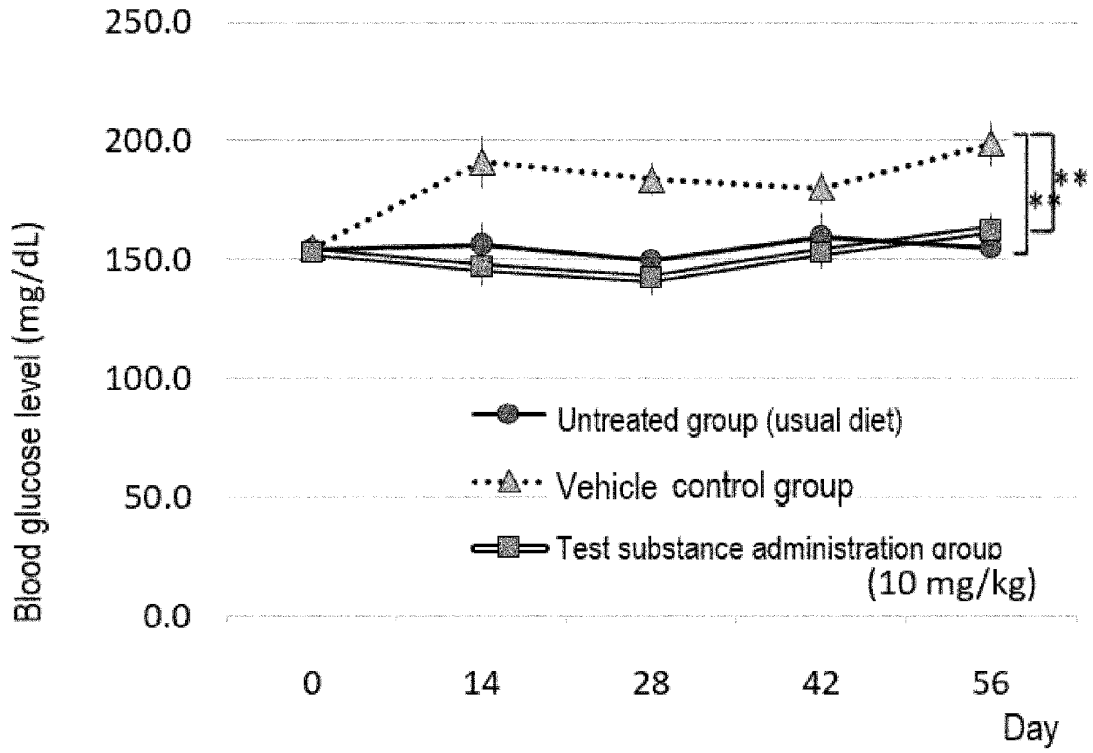
[Fig. 1]


Mucin amount in feces of rat
(mg (GalNAc eq.)/g dried feces)
N.S.
***
***
**
***
Day 0
Day 1
Day 3
Day 5
Day 7
*** p < 0.001, ** p < 0.01, * p < 0.05
Vehicle control group
Test substance administration group

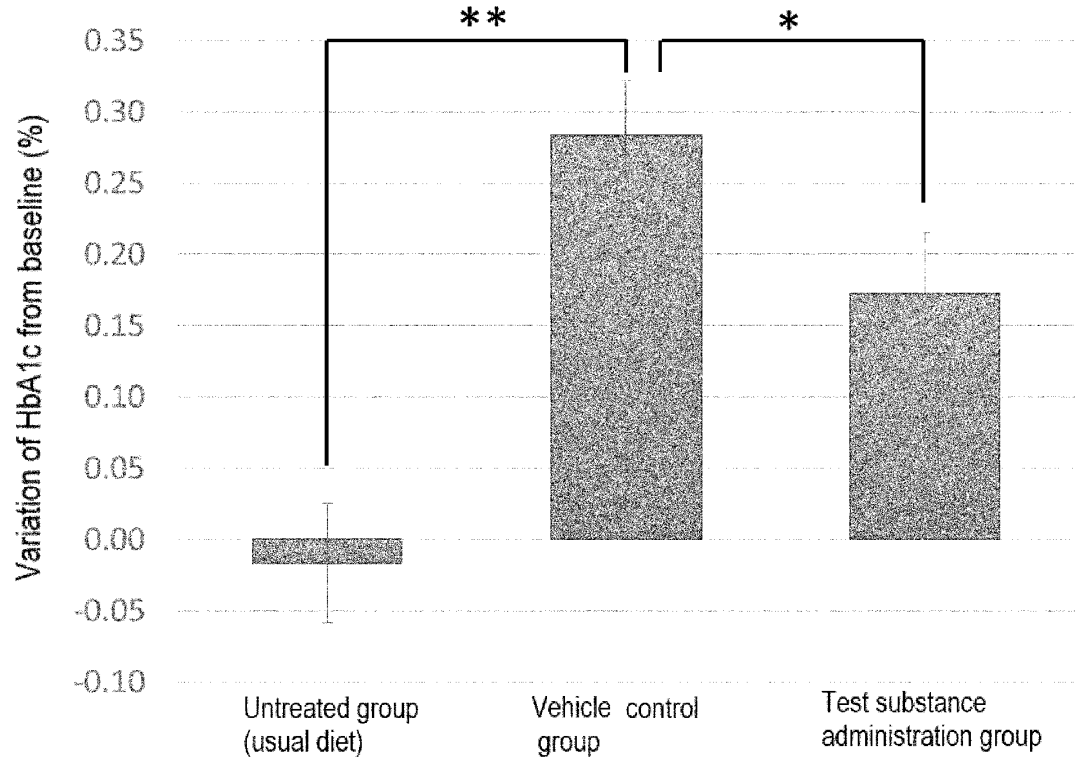
[Fig. 2]


Body weight (g)
40.0
35.0
30.0
25.0
20.0
15.0
10.0
5.0
0.0
*
**
Untreated group
Vehicle control group (high-fat diet)
Test substance administration group (10 mg/kg) (high-fat diet)
0 4 7 11 14 18 21 25 28 32 35 39 42 46 49 53 59 63
Day

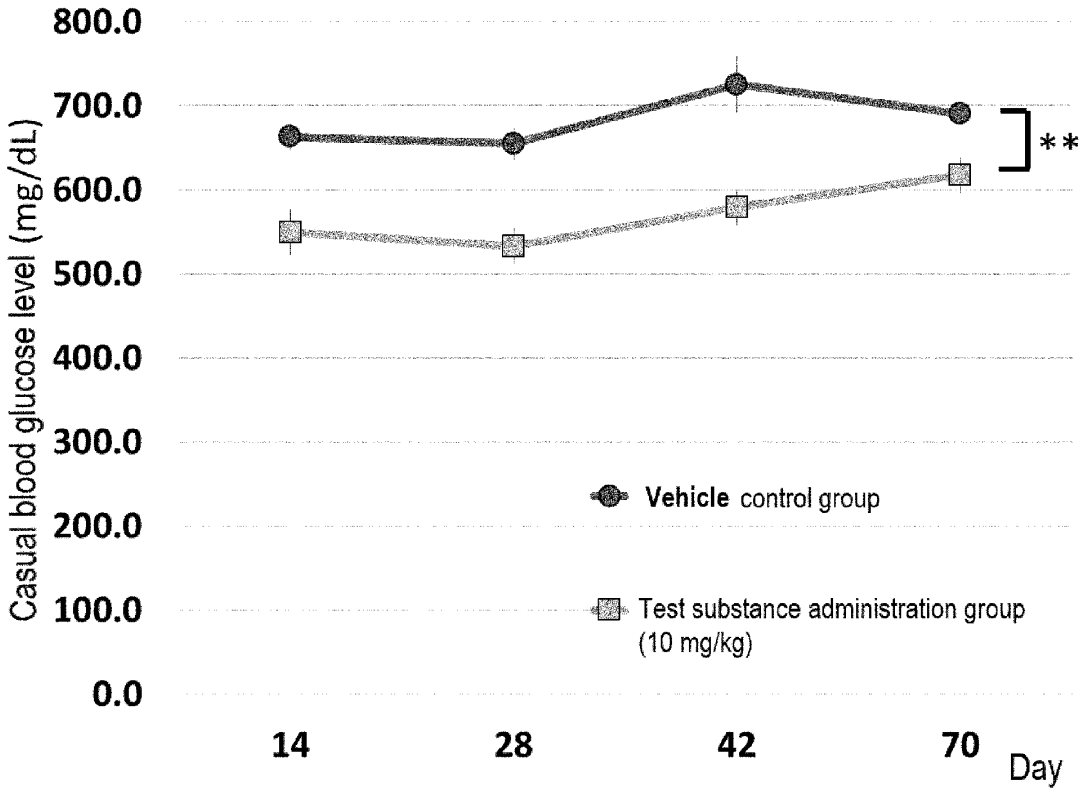
[Fig. 3]


250.0
200.0
150.0
100.0
50.0
0.0
Blood glucose level (mg/dL)
**
**
Untreated group (usual diet)
Vehicle control group
Test substance administration group
(10 mg/kg)
0
14
28
42
56
Day

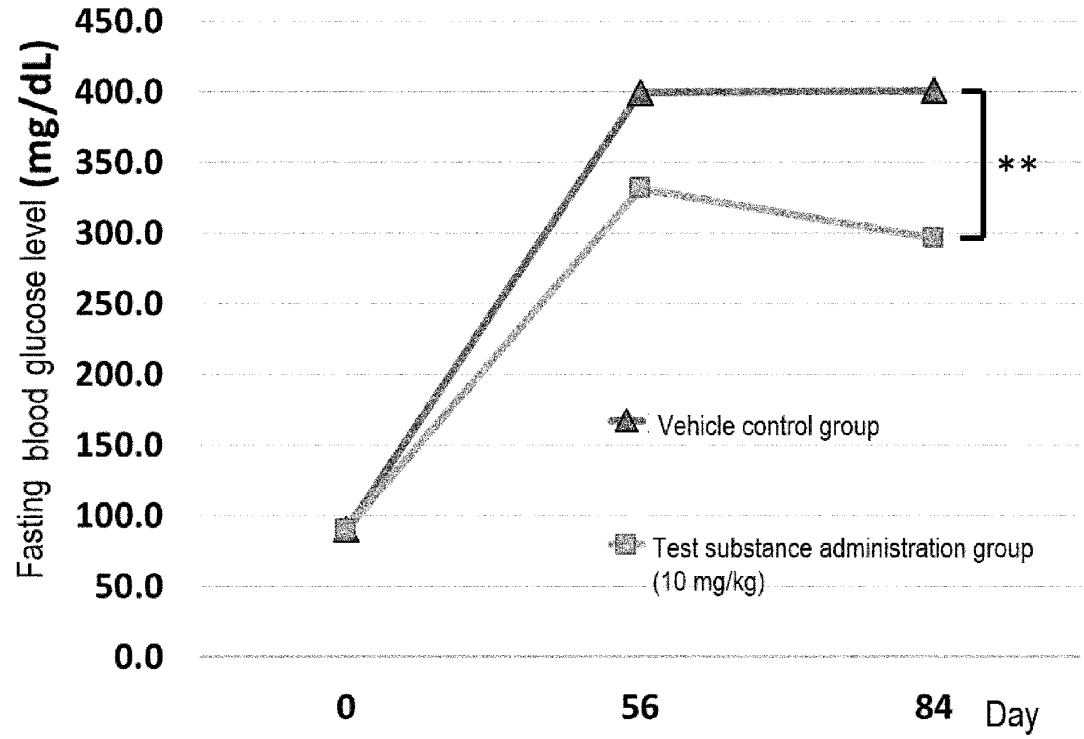
[Fig. 4]


**
*
0.35
0.30
0.25
0.20
0.15
0.10
0.05
0.00
-0.05
-0.10
Variation of HbA1c from baseline (%)
Untreated group (usual diet)
Vehicle control group
Test substance administration group

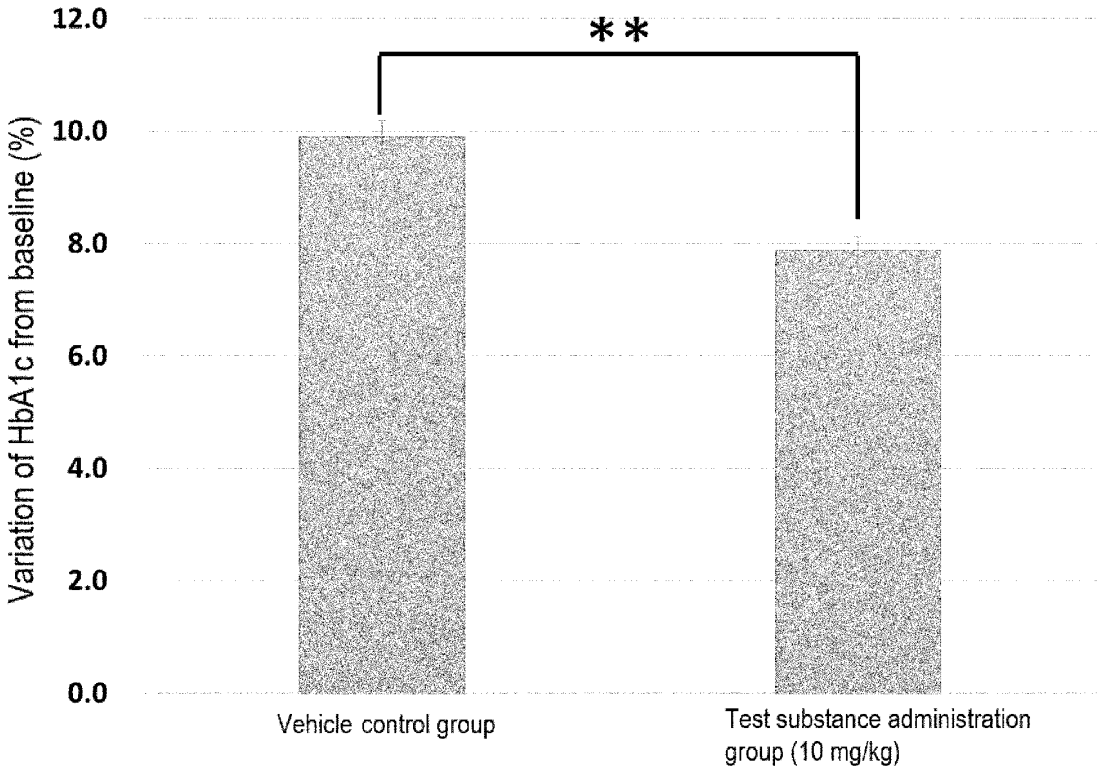
[Fig. 5]


800.0
700.0
600.0
500.0
400.0
300.0
200.0
100.0
0.0
Casual blood glucose level (mg/dL)
**
Vehicle control group
Test substance administration group
(10 mg/kg)
14
28
42
70
Day

[Fig. 6]


450.0
400.0
350.0
300.0
250.0
200.0
150.0
100.0
50.0
0.0
Fasting blood glucose level (mg/dL)
**
Vehicle control group
Test substance administration group
(10 mg/kg)
0
56
84
Day

[Fig. 7]


12.0
10.0
8.0
6.0
4.0
2.0
0.0
Variation of HbA1c from baseline (%)
**
Vehicle control group
Test substance administration group (10 mg/kg)