Fig. 1

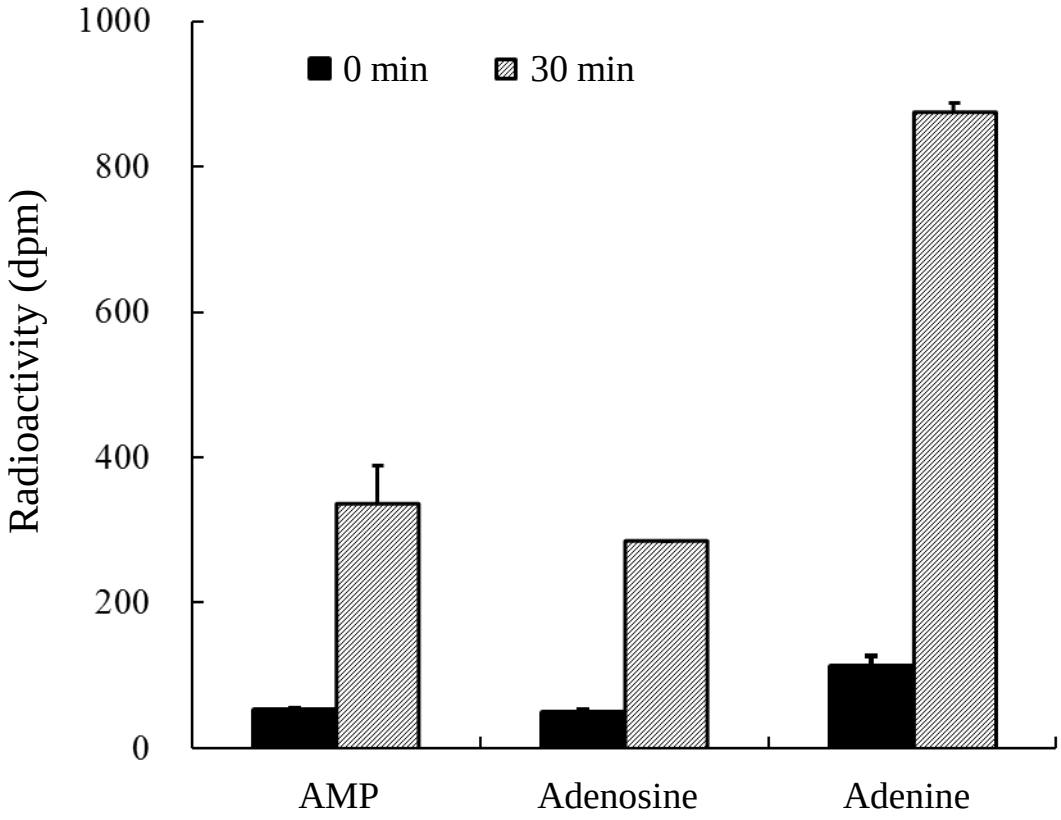

1000
800
600
400
200
0
Radioactivity (dpm)
0 min
30 min
AMP
Adenosine
Adenine

Fig. 2

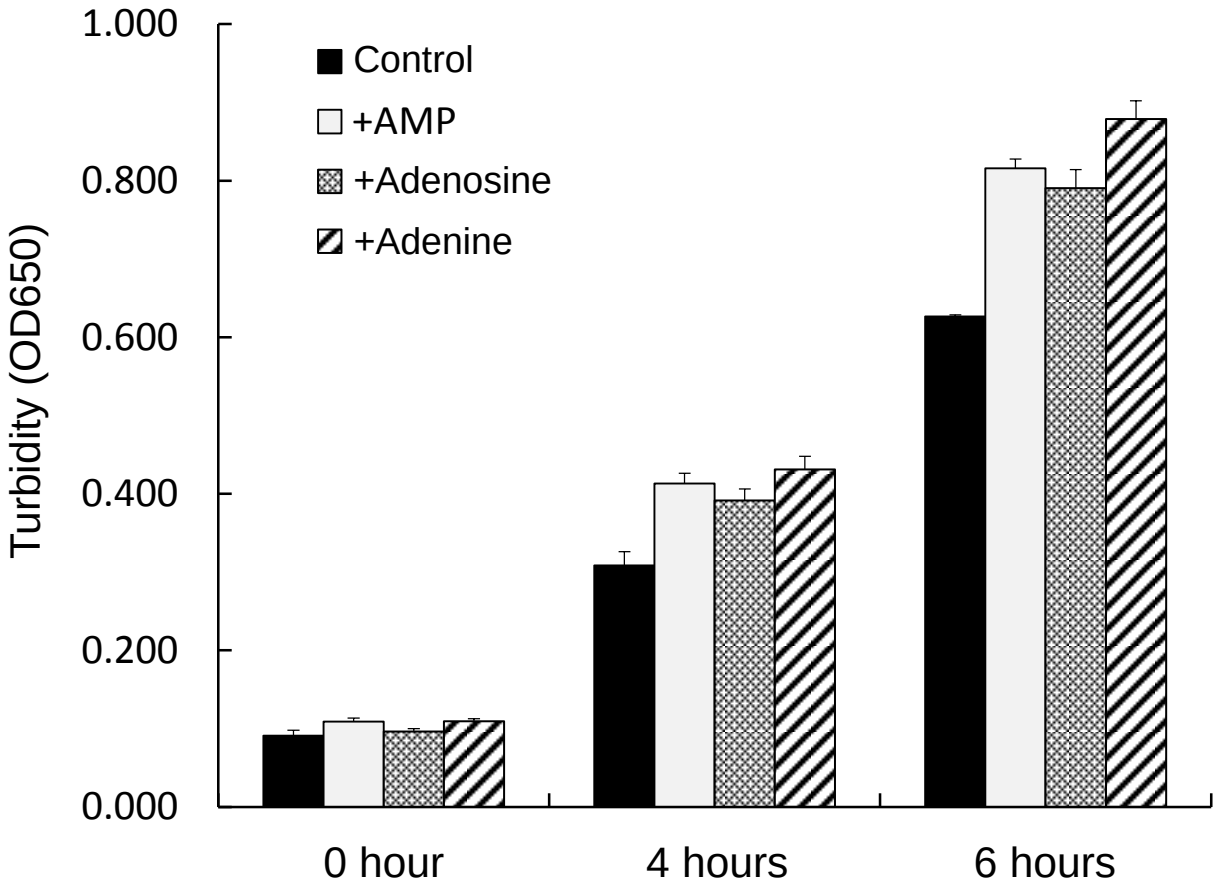

1.000
0.800
0.600
0.400
0.200
0.000
Turbidity (OD650)
Control
+AMP
+Adenosine
+Adenine
0 hour
4 hours
6 hours

Fig. 3

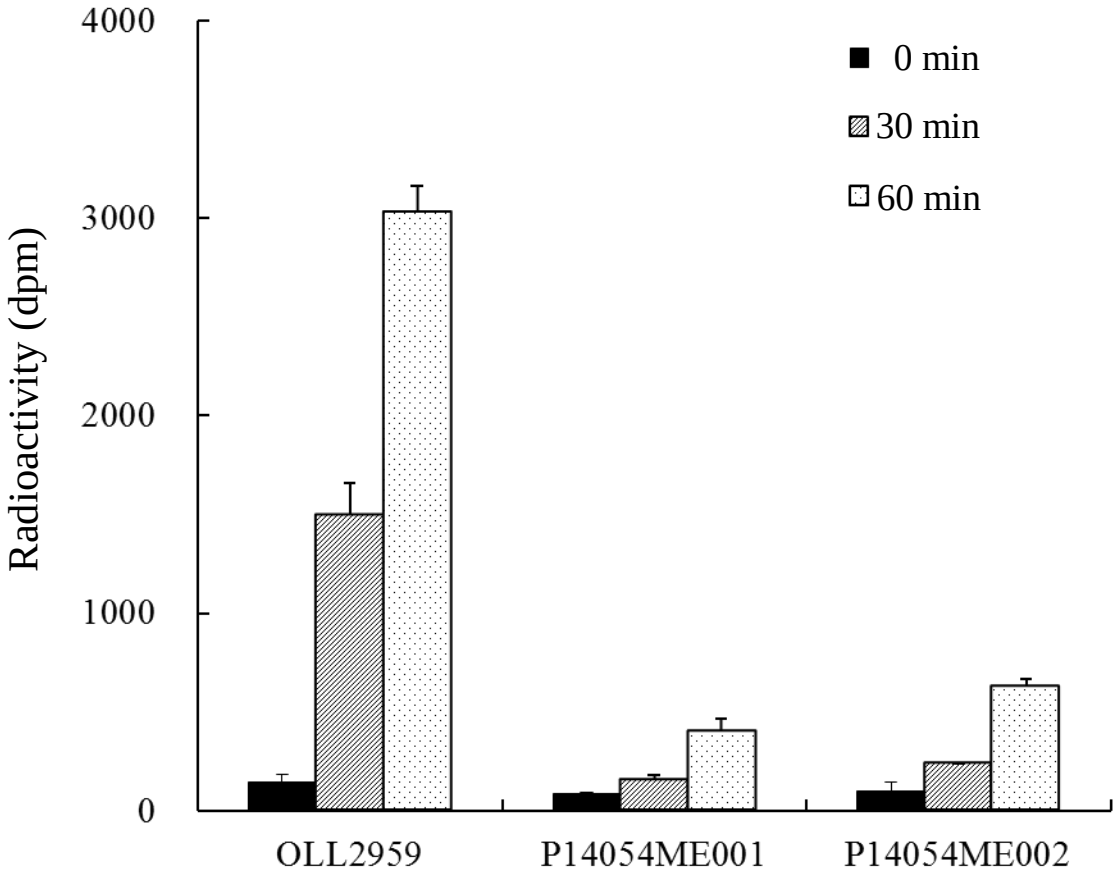

4000
3000
2000
1000
0
Radioactivity (dpm)
0 min
30 min
60 min
OLL2959
P14054ME001
P14054ME002

Fig. 4

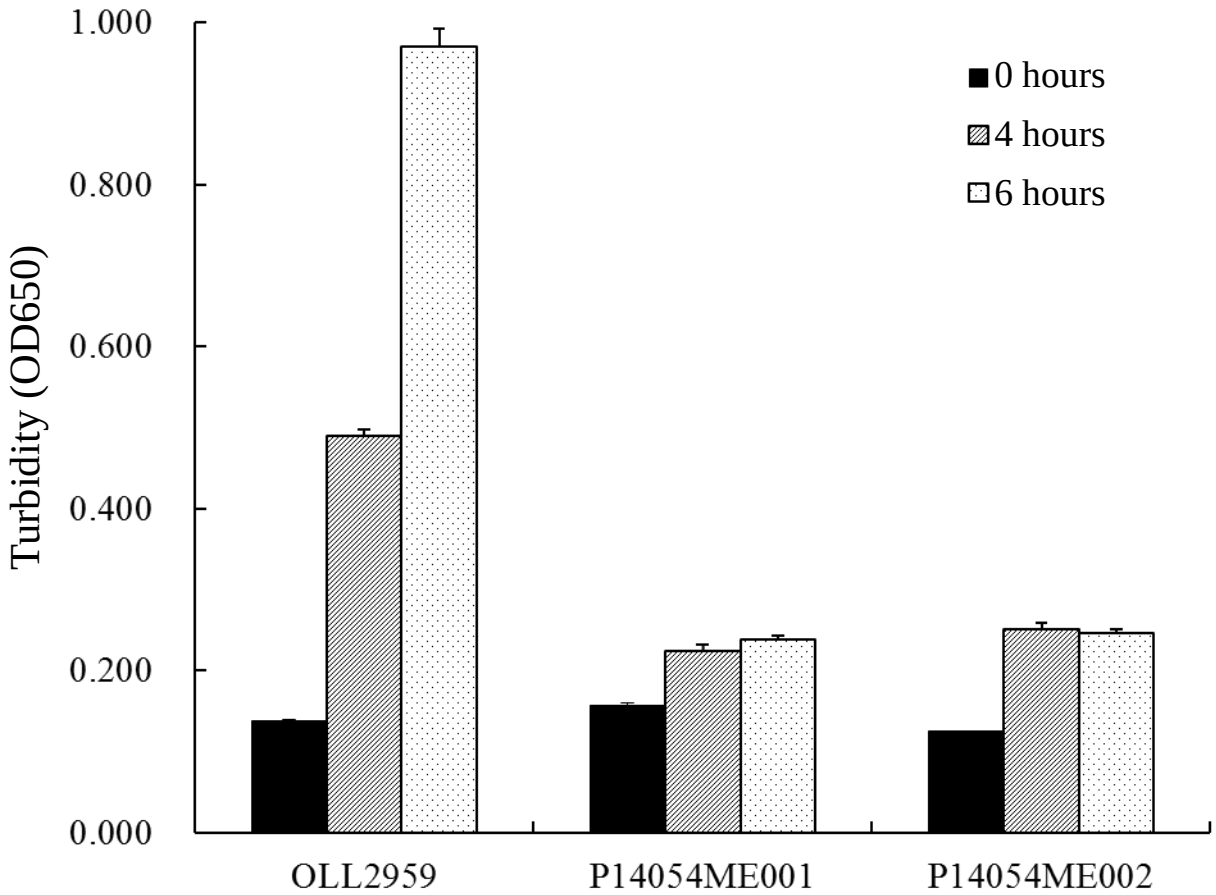

1.000
0.800
0.600
0.400
0.200
0.000
Turbidity (OD650)
0 hours
4 hours
6 hours
OLL2959
P14054ME001
P14054ME002

Fig. 5

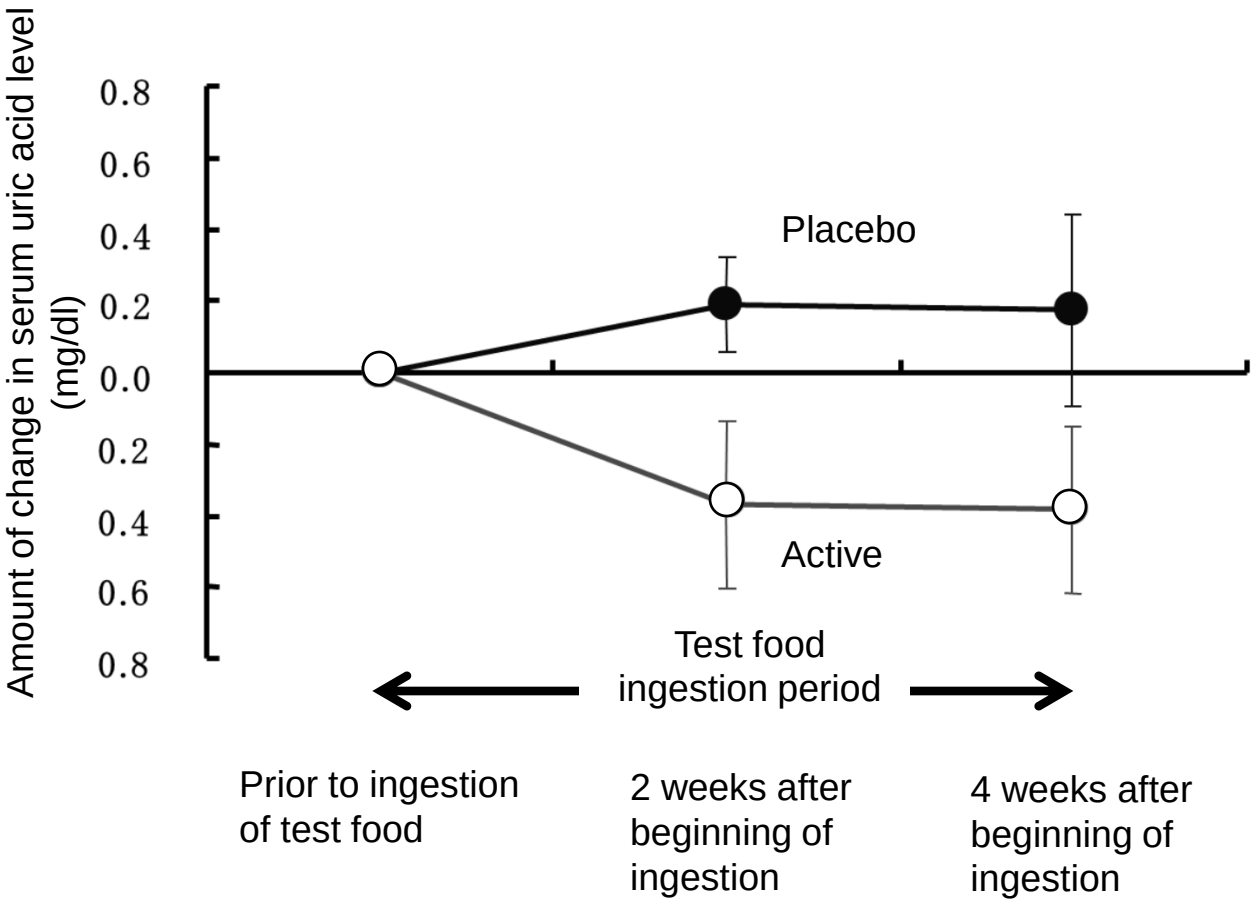

Amount of change in serum uric acid level (mg/dl)
0.8
0.6
0.4
0.2
0.0
0.2
0.4
0.6
0.8
Placebo
Active
Test food ingestion period
Prior to ingestion of test food
2 weeks after beginning of ingestion
4 weeks after beginning of ingestion

Fig. 6

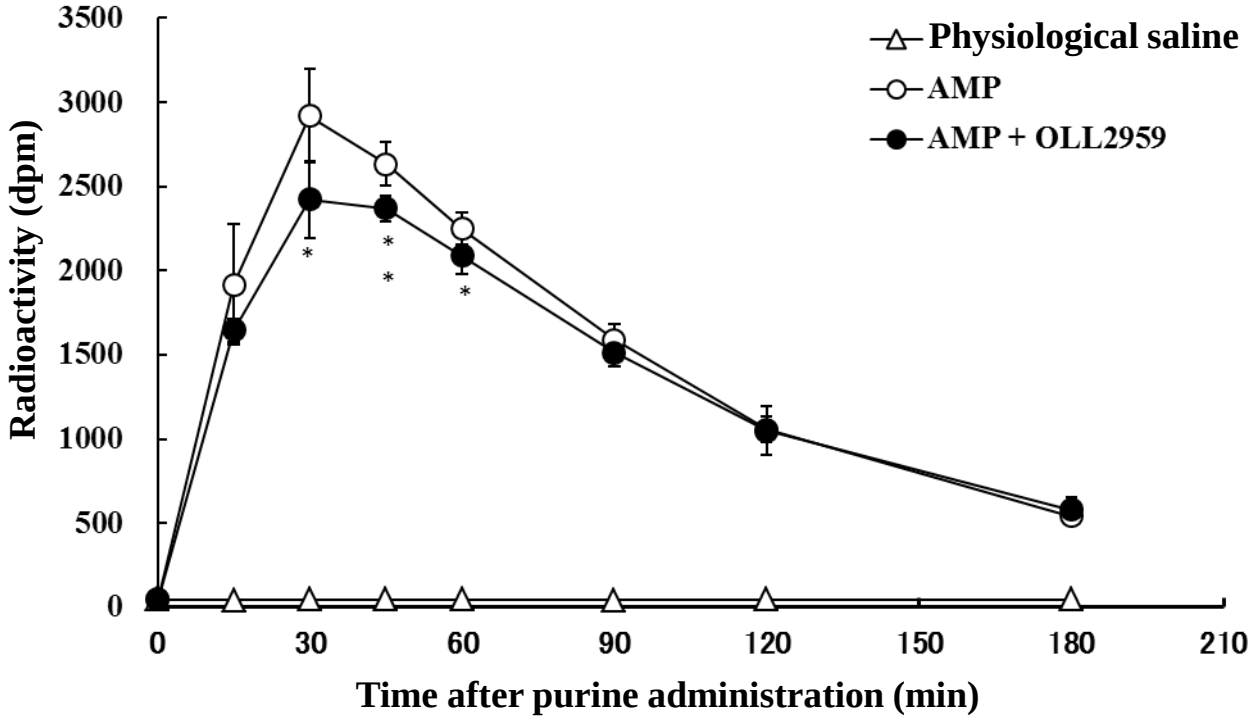

Physiological saline
AMP
AMP + OLL2959
Radioactivity (dpm)
3500
3000
2500
2000
1500
1000
500
0
0
30
60
90
120
150
180
210
Time after purine administration (min)
*
*
*
*

Fig. 7

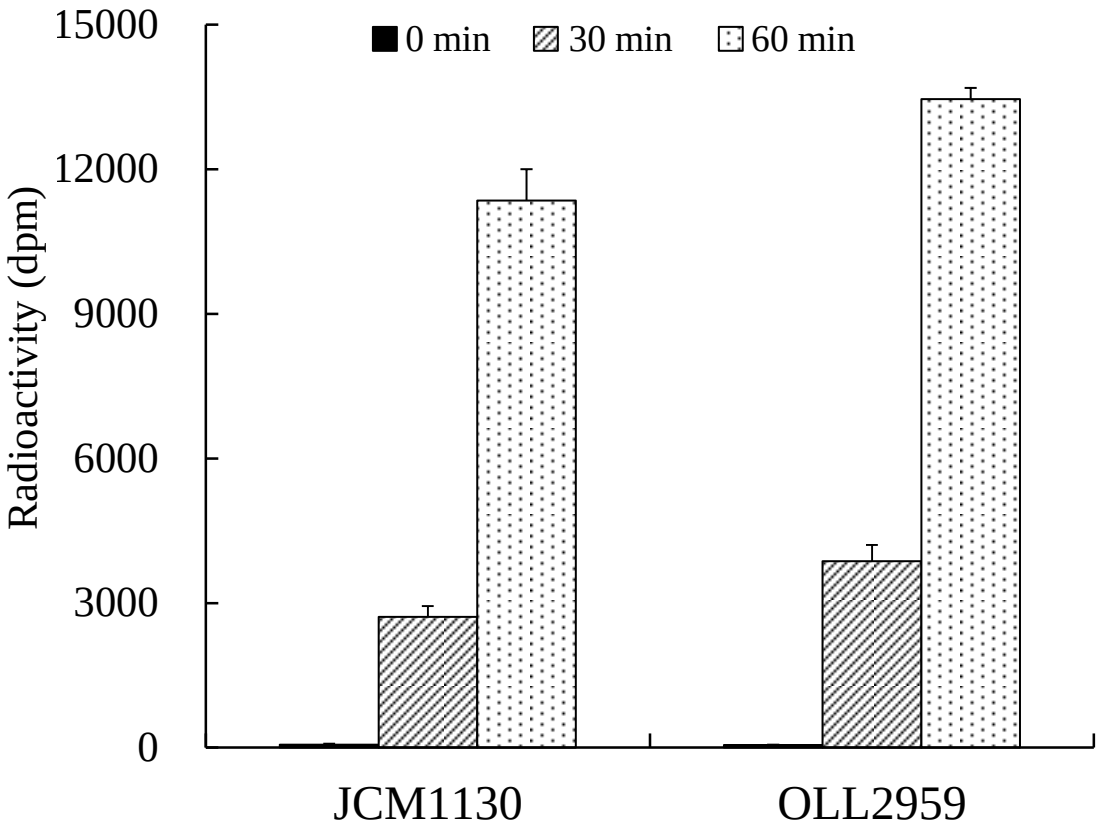

15000
12000
9000
6000
3000
0
Radioactivity (dpm)
0 min
30 min
60 min
JCM1130
OLL2959

Fig. 8

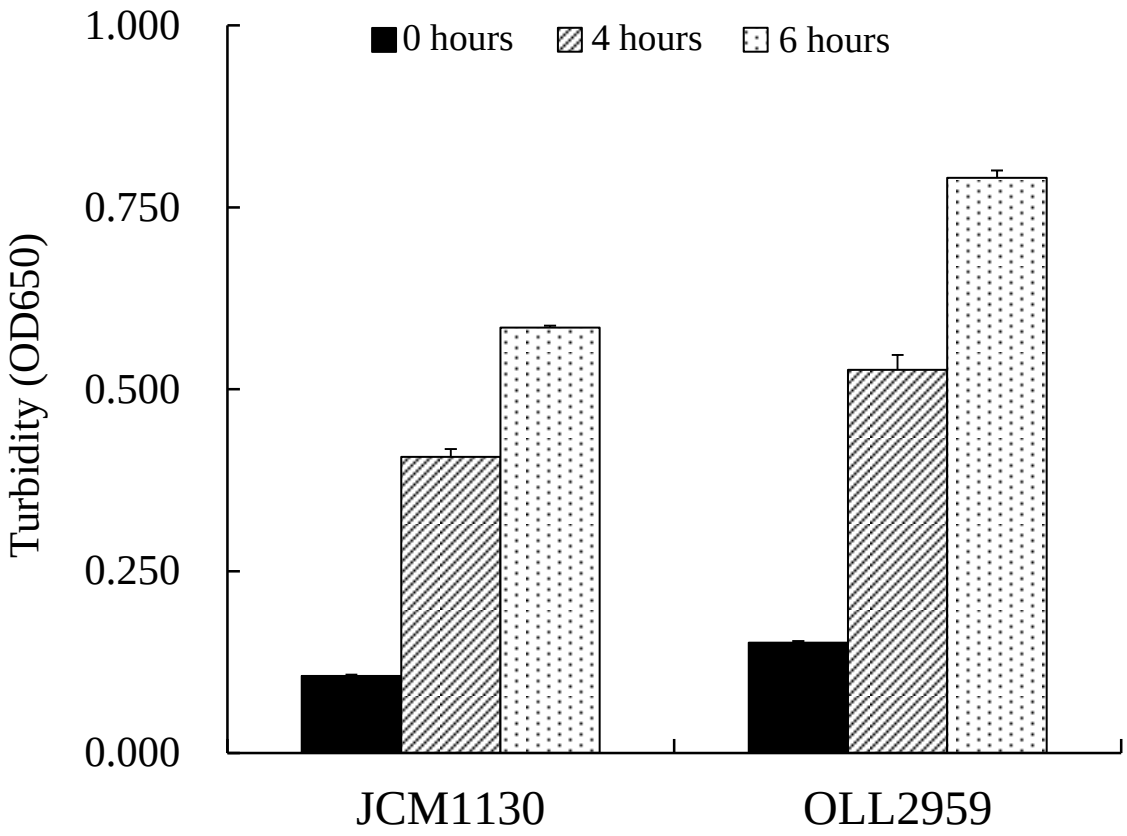

1.000
0.750
0.500
0.250
0.000
Turbidity (OD650)
0 hours
4 hours
6 hours
JCM1130
OLL2959

Fig. 9

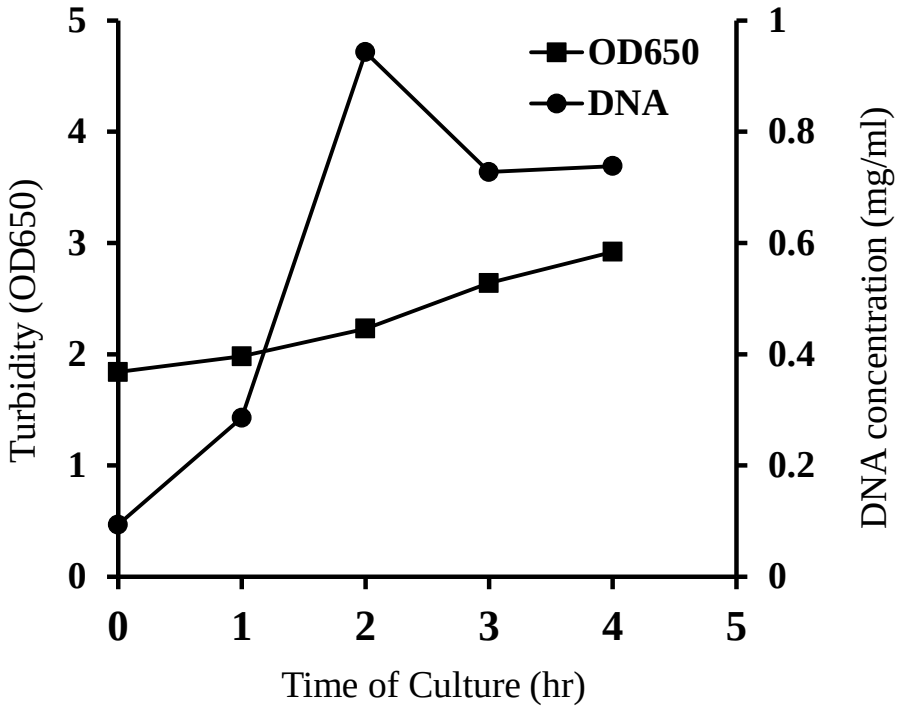

OD650
DNA
Turbidity (OD650)
DNA concentration (mg/ml)
Time of Culture (hr)
0
1
2
3
4
5
0
0.2
0.4
0.6
0.8
1

Fig. 10

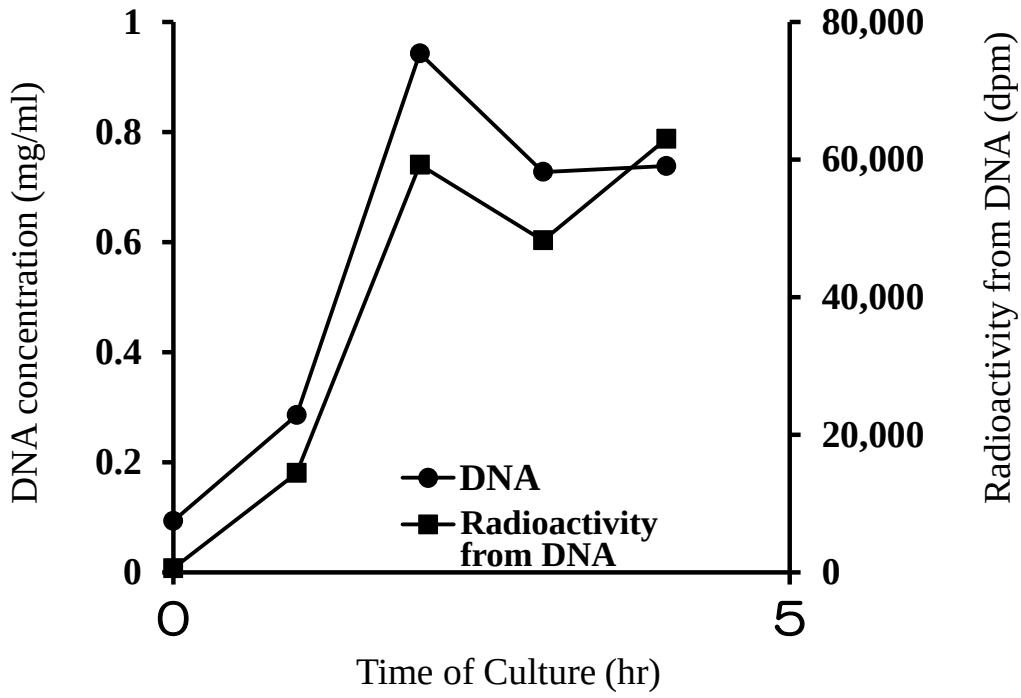
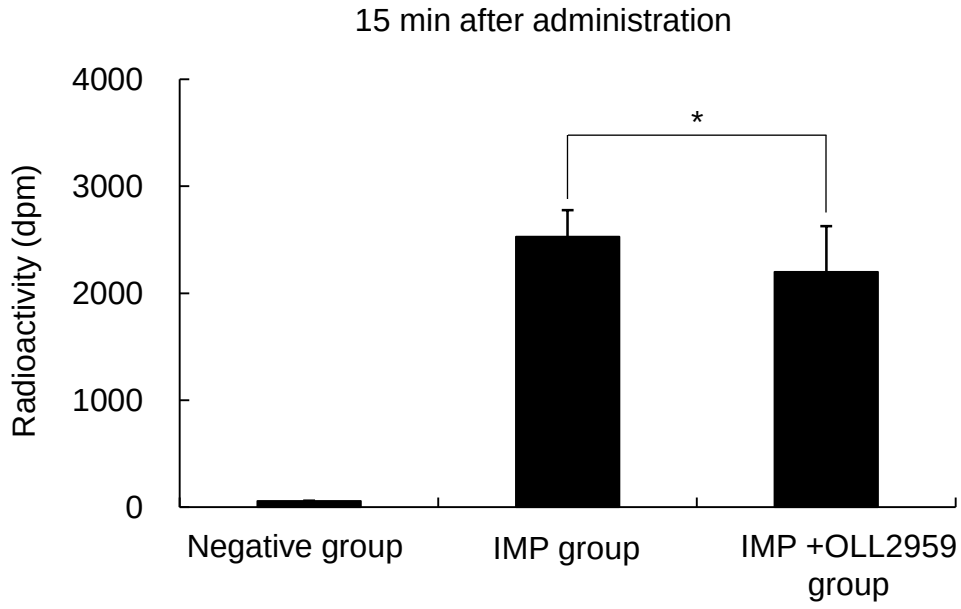

DNA concentration (mg/ml)
1
0.8
0.6
0.4
0.2
0
80,000
60,000
40,000
20,000
0
Radioactivity from DNA (dpm)
DNA
Radioactivity from DNA
0
5
Time of Culture (hr)

Fig. 11

A


15 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
*
Negative group
IMP group
IMP +OLL2959 group

B

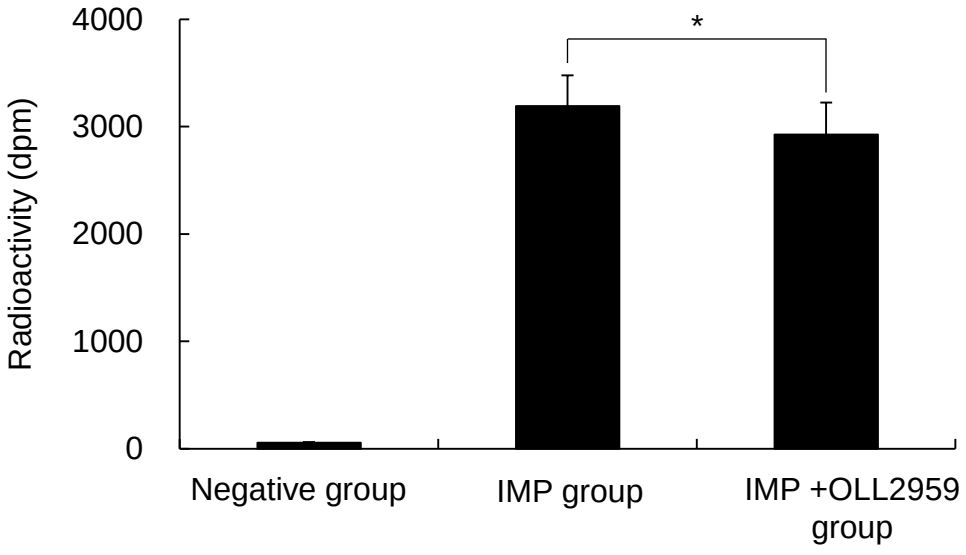
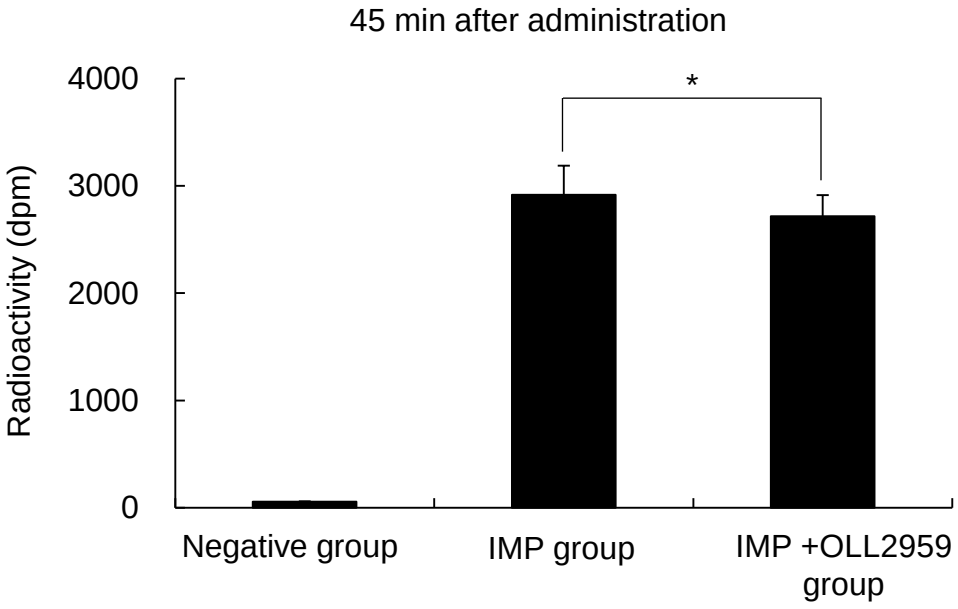

30 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
*
Negative group
IMP group
IMP +OLL2959 group

Fig. 12

A


45 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
*
Negative group
IMP group
IMP +OLL2959 group

B

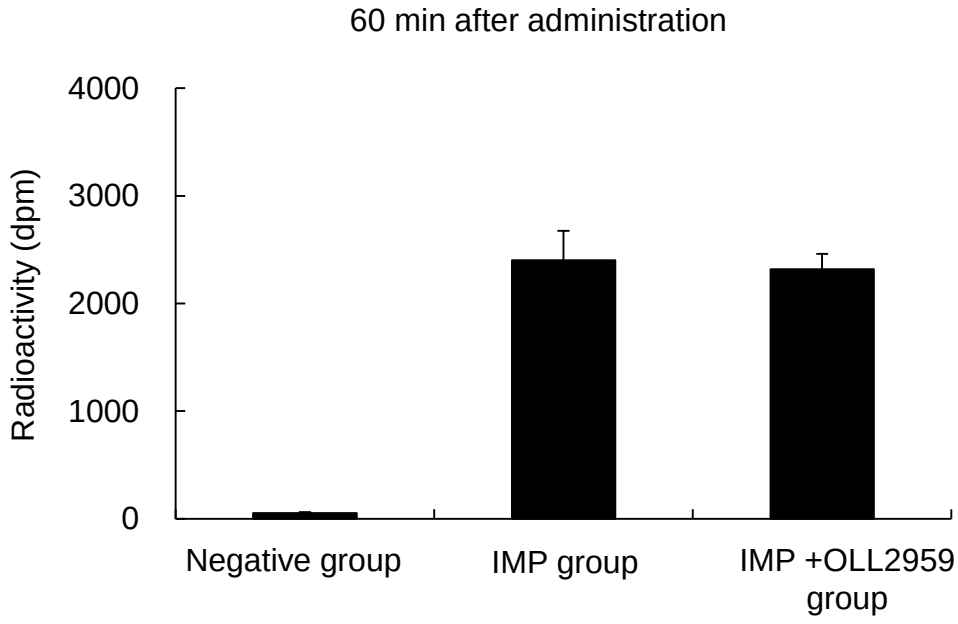
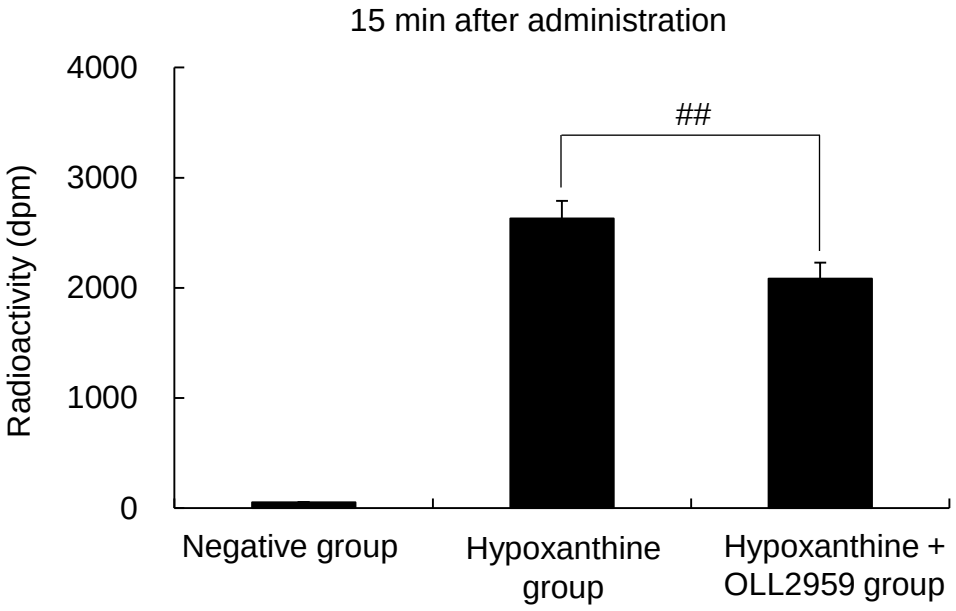

60 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
Negative group
IMP group
IMP +OLL2959 group

Fig. 13

A


15 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
##
Negative group
Hypoxanthine group
Hypoxanthine + OLL2959 group

B

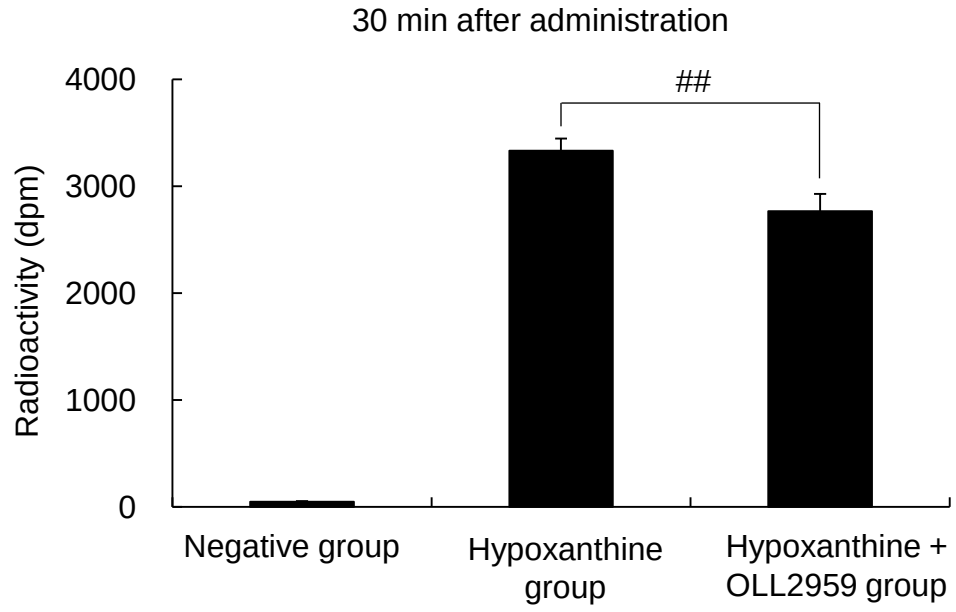
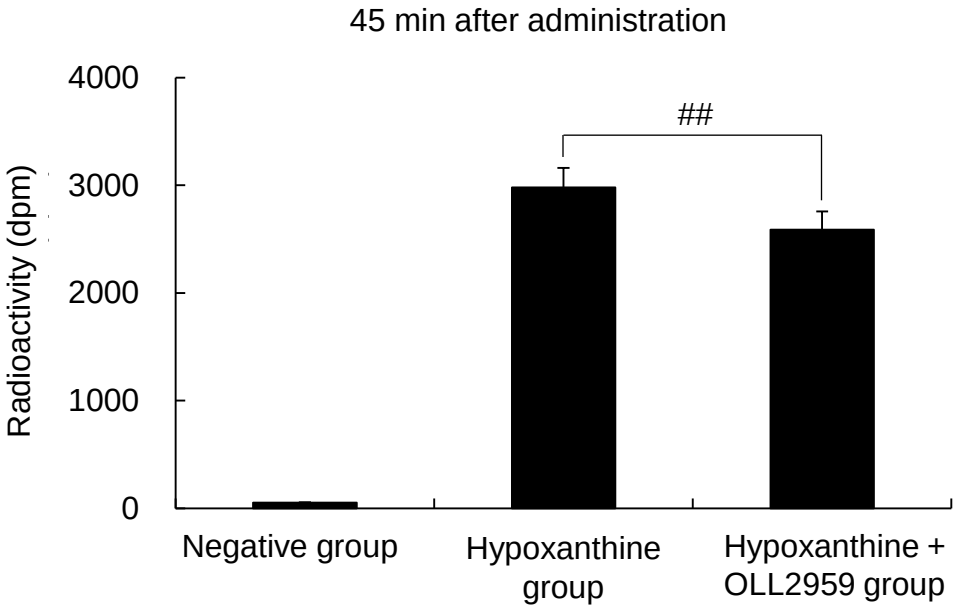

30 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
##
Negative group
Hypoxanthine group
Hypoxanthine + OLL2959 group

Fig. 14

A


45 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
##
Negative group
Hypoxanthine group
Hypoxanthine + OLL2959 group

B

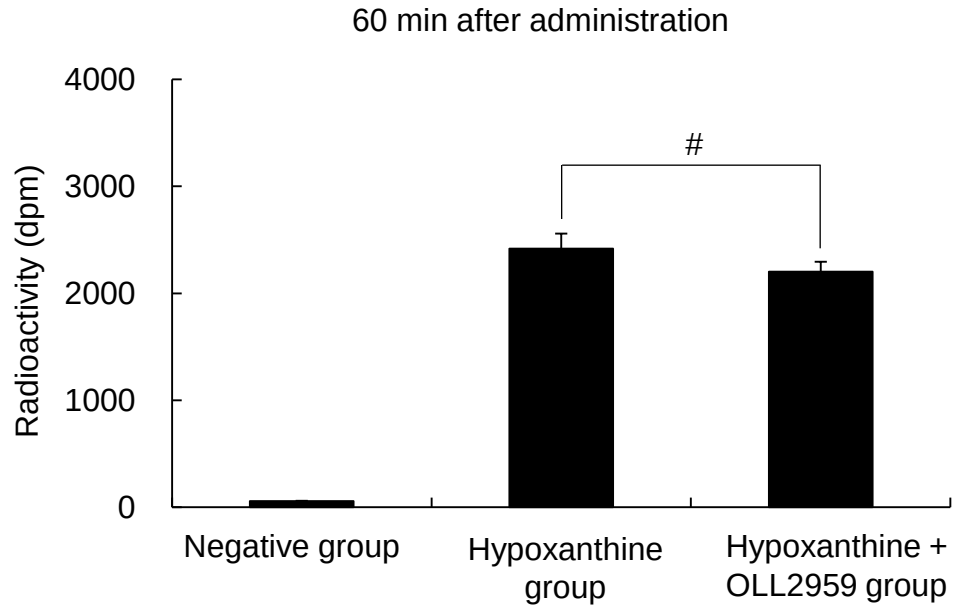

60 min after administration
Radioactivity (dpm)
4000
3000
2000
1000
0
#
Negative group
Hypoxanthine group
Hypoxanthine + OLL2959 group

Fig. 15

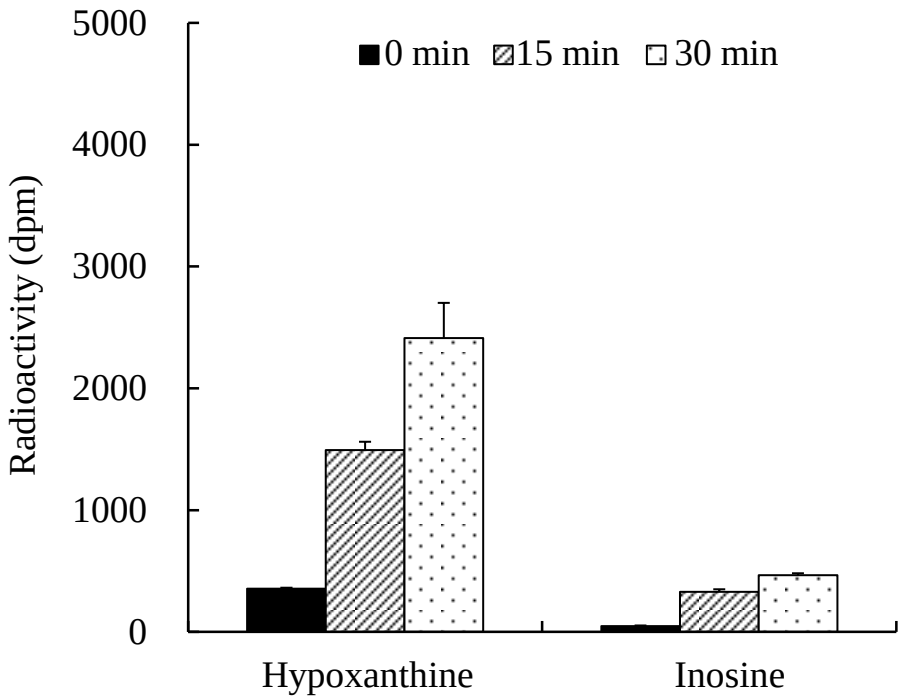
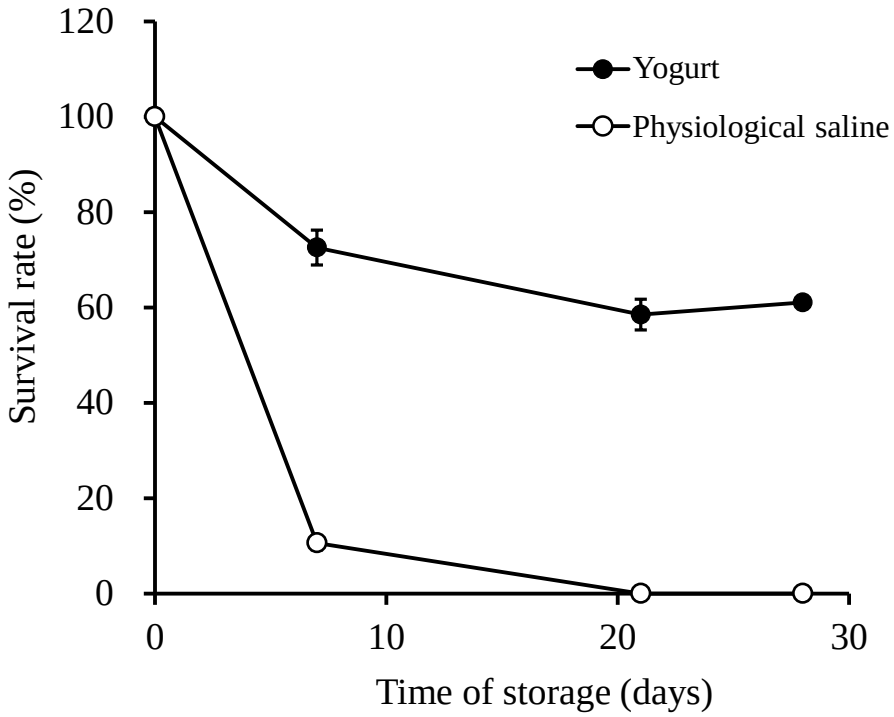

5000
4000
3000
2000
1000
0
Radioactivity (dpm)
0 min
15 min
30 min
Hypoxanthine
Inosine

Fig. 16


120
100
80
60
40
20
0
Survival rate (%)
0
10
20
30
Time of storage (days)
Yogurt
Physiological saline