

## The Anxiolytic Effects of Sun Ginseng in Mice

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### Abstract

This study was performed to investigate whether Sun ginseng has the anxiolytic effects in mice using the elevated plus-maze apparatus. Sun ginseng (50 mg/kg) significantly increased the number of open arm entries and the time spent on the open arm, compared with that of control. Therefore, we suggest that Sun ginseng has the anxiolytic effects on the elevated plus-maze model. These effects of Sun ginseng are about 25 times less potent than diazepam. However, ginseng total saponin (50 mg/kg) from red ginseng did not show the anxiolytic effects by this model. (This study was in part supported by Brain Korea 21 project.)