



**CALIFORNIA STATE SCIENCE FAIR
2008 PROJECT SUMMARY**

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| Name(s) Dana M. Meyenberg | Project Number S1514 |
| Project Title Does Eating Poppy Seeds Affect Opiate Drug Tests? | |
| <p style="text-align: center;">Abstract</p> <p>Objectives/Goals The objective of my project was to determine if eating a single poppy seed muffin will cause an opiate drug test to appear positive.</p> <p>Methods/Materials With the consent of each subject, they were tested for opiate drugs. Once the tests were determined negative, they were fed a predetermined amount of poppy seeds or a poppy seed muffin. Their urine was then tested for traces of opiates using an opiate drug test kit.</p> <p>Results If five grams of poppy seeds, or the equivalent found in one poppy seed muffin, are consumed then the subject will show a positive result on an opiate drug test.</p> <p>Conclusions/Discussion These results prove that some opiate drug tests will appear positive, even if the subject hasn't consumed any opiate drugs.</p> | |
| Summary Statement My project is to determine if poppy seed consumption causes a positive result on an opiate drug test. | |
| Help Received Mother purchased tests; brothers were tested. | |