

CALIFORNIA STATE SCIENCE FAIR 2004 PROJECT SUMMARY

Name(s)	Project Number
Brizet Morales	J0410
	30410
Project Title	
Enteric Mystery	
Objectives/Goals Abstract	
My goal was to find out whether enteric bacteria could be differentiat enteric bacteria cannot be differentiated by their physical characterist that they could maybe be differentiated by their chemical characterist Methods/Materials	ics or their morphology, I thought
I used four different types of enteric bacteria. These were C. freundii, aerogenes, and an unknown bacteria. My teacher/advisor provided my was one of the other four cultures of bacteria. I wanted to see if I cour bacteria was by using four tests. These were the citrate utilization test test, the Vogues-Prosauker test, and the Methyl red test.	e with these. The unknown bacteria ld find out what the unknown
Results After reading the tests, I found that the unknown bacteria was E. coli- told apart by biochemical testing. Conclusions/Discussion	I found that enteric bacteria can be
I learned that biochemical testing is very important when trying to ide new type of bacteria is found and it cannot be classified by its morphe can most likely be classified by its chemical characteristics.	
Summour Statement	
Summary Statement I wanted to see whether enteric bacteria could be differentiated by biochemical tests.	
Help Received	
My teacher provided me with the bacteria	