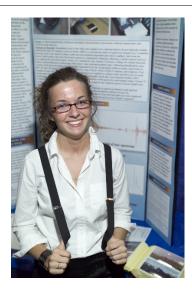




CWSF 2006 - Saguenay, Québec



Whitney Kelly-Clark

Infrared Analysis of Equine Tears

Division: Biotechnology

Category: Senior

Region: Prince Edward Island
City: Charlottetown, PE
School: Charlottetown Rural H.S.

Abstract: With new innovation and new knowledge, this project studied (for the first

time ever) the feasilability of using FTIR for the early establishment and diagnosis of equine ocular disease through tear drops collected from horses. Bacterial cultures were cultivitated from the tears. Was found to be an excellent means of diagnosis because a control was found, and spectra

differ greatly from one another.

Awards	Value
Honourable Mention - Biotechnology & Pharmaceutical Sciences Senior	\$100
Sponsor: Rx&D Health Research Foundation	
Total	\$100



