

# **vitesse** Technical Self-Assessment 2004

From the list below, indicate with a checkmark if this is a particular area of strength for you.

Background	Laboratory Skills Check-List	
<p><b>Field of Study</b></p> <p><input type="checkbox"/> Agriculture</p> <p><input type="checkbox"/> Biochemistry</p> <p><input type="checkbox"/> Biology</p> <p><input type="checkbox"/> Botany</p> <p><input type="checkbox"/> Engineering</p> <p><input type="checkbox"/> Genetics</p> <p><input type="checkbox"/> Immunology</p> <p><input type="checkbox"/> Information technology</p> <p><input type="checkbox"/> Microbiology</p> <p><input type="checkbox"/> Molecular biology</p> <p><input type="checkbox"/> Soil science</p> <p><input type="checkbox"/> Zoology</p> <p><b>Majority of Laboratory Experience:</b></p> <p><input type="checkbox"/> Academic, in courses</p> <p><input type="checkbox"/> Clinical</p> <p><input type="checkbox"/> Government</p> <p><input type="checkbox"/> Industry</p> <p><b>Highest Degree Obtained:</b></p> <p><input type="checkbox"/> B.Sc.or other bachelor degree</p> <p><input type="checkbox"/> Masters</p> <p><input type="checkbox"/> PhD or doctorate</p> <p><b>Year of Entry Into Canada:</b></p> <p><input type="checkbox"/> Before 1990</p> <p><input type="checkbox"/> 1990-1995</p> <p><input type="checkbox"/> 1996-2000</p> <p><input type="checkbox"/> 2001</p> <p><input type="checkbox"/> 2002</p>	<p><b>Animal Handling</b></p> <p><input type="checkbox"/> Mammals</p> <p><input type="checkbox"/> In-vivo experimentation</p> <p><b>Cell Biology</b></p> <p><input type="checkbox"/> Tissue culture</p> <p><input type="checkbox"/> Aseptic/sterile techniques</p> <p><input type="checkbox"/> Cell counting</p> <p><input type="checkbox"/> Microscopy</p> <p><b>Cloning</b></p> <p><input type="checkbox"/> DNA ligation</p> <p><input type="checkbox"/> PCR</p> <p><b>Cryo Preservation</b></p> <p><input type="checkbox"/> Aseptic techniques</p> <p><input type="checkbox"/> Cell cytopreservation</p> <p><input type="checkbox"/> Sterile cell culture</p> <p><input type="checkbox"/> Embryo cytopreservation</p> <p><b>DNA Analysis</b></p> <p><input type="checkbox"/> Sequencing</p> <p><input type="checkbox"/> Southern blotting</p> <p><input type="checkbox"/> Genomics</p> <p><input type="checkbox"/> cDNA technology</p> <p><b>Gel Electrophoresis</b></p> <p><input type="checkbox"/> Western blotting</p> <p><input type="checkbox"/> Southern blotting</p> <p><input type="checkbox"/> Northern blotting</p>	<p><b>Immunology</b></p> <p><input type="checkbox"/> Immuno-detection</p> <p><input type="checkbox"/> Immuno-precipitation</p> <p><b>Instrumentation</b></p> <p><input type="checkbox"/> FTIR- Fourier Transformed Infrared and Raman Spectroscopy</p> <p><input type="checkbox"/> GC/MS</p> <p><input type="checkbox"/> HPLC</p> <p><input type="checkbox"/> Spectrophotometry</p> <p><b>Methodology</b></p> <p><input type="checkbox"/> Method development in laboratory</p> <p><input type="checkbox"/> Up-scaling for manufacturing</p> <p><b>Microbiology</b></p> <p><input type="checkbox"/> Staining</p> <p><input type="checkbox"/> Microscopy</p> <p><input type="checkbox"/> Microscopy-imaging</p> <p><b>Safety</b></p> <p><input type="checkbox"/> Laboratory</p> <p><input type="checkbox"/> Workplace</p> <p><input type="checkbox"/> Special safety training</p> <p><b>Research Reports &amp; Scientific Papers</b></p> <p><input type="checkbox"/> Authored</p> <p><input type="checkbox"/> Submitted</p> <p><input type="checkbox"/> Assessed</p> <p><input type="checkbox"/> Statistical analysis</p>



# Technical Self-Assessment 2004

From the list below, indicate with a checkmark if this is a particular area of strength for you.

Background	Applied Skills Check-List	
<p><b>Majority of Work Experience:</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Academic, in courses</li><li><input type="checkbox"/> Clinical</li><li><input type="checkbox"/> Government</li><li><input type="checkbox"/> Industry</li></ul>	<p><b>Product Application</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Blood, blood products</li><li><input type="checkbox"/> Viral, bacterial vaccines</li><li><input type="checkbox"/> Genetic therapy, diagnostics</li><li><input type="checkbox"/> Tissues, organs</li><li><input type="checkbox"/> Radio-pharmaceuticals</li><li><input type="checkbox"/> Controlled drugs</li><li><input type="checkbox"/> Medical devices</li><li><input type="checkbox"/> Homeopathic remedies</li><li><input type="checkbox"/> Pesticides</li></ul> <p><b>Regulation</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> HPB (Canada)</li><li><input type="checkbox"/> FDA (United States)</li><li><input type="checkbox"/> European regulations</li><li><input type="checkbox"/> International regulations</li><li><input type="checkbox"/> Advertising</li><li><input type="checkbox"/> Drug products</li><li><input type="checkbox"/> Hazardous materials</li><li><input type="checkbox"/> Naturopathic materials</li><li><input type="checkbox"/> Medical devices</li><li><input type="checkbox"/> Lab safety regulations</li><li><input type="checkbox"/> Workplace safety</li></ul>	<p><b>Manufacturing</b></p> <ul style="list-style-type: none"><li><input type="checkbox"/> Bio-conversion</li><li><input type="checkbox"/> Bio-production</li><li><input type="checkbox"/> Large scale fermentation</li><li><input type="checkbox"/> Enzyme-related reactions</li><li><input type="checkbox"/> Industrial filtration</li></ul> <p>Clinical trials:</p> <ul style="list-style-type: none"><li><input type="checkbox"/> Authored</li><li><input type="checkbox"/> Submitted</li><li><input type="checkbox"/> Assessed</li><li><input type="checkbox"/> Statistical analysis</li></ul>